U Mass
Amherst
+ Boston

Summer
Session
for 1980

University of Massachusetts

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All information contained herein is subject to existing University regulations at the time of registration.

The information in this bulletin is provided solely for the convenience of the reader, and the University expressly disclaims any liability which may otherwise be incurred. While every effort has been made to ensure the accuracy of the information in this catalogue, the University reserves the right to make changes at any time with respect to course offerings, degree requirements, services provided or any other subject addressed in this publication.

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The University of Massachusetts at Amherst prohibits discrimination on the basis of race, color, sex, age, religion, national origin, handicap, or veteran status in any aspect of its employment, in its recruitment, admission and treatment of students, and in its policies and programs, as required by Federal and State laws and regulations.
Inquiries concerning these laws and regulations or their application should be addressed to: Esther Terry, Associate Provost, Provost's Office, Whitmore Administration Building, tel. (413) 545-2254 or Robert C. Johnson, Jr., Director, Affirmative Action, UMass/Boston regulations.

MAIL-IN FORMS

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AMHERST SUMMER HOUSING FORM 70
AMHERST SUMMER SESSION MAIL-IN APPLICATION FORM 71

The University of Massachusetts is fully accredited by the New England Association of Schools and Colleges.

The family educational rights and privacy act (public law 93-380) allows students and former students at educational institutions access to educational records kept on them, and protects basic privacy of these records. The law does not apply to applicants for admission. A list of the types of records maintained by the University, where they are kept, who is responsible for them, who has access to them, and what it will cost to obtain a copy of those records, is available from the Admissions Office in Whitmore Administration Building, the Continuing Education Registrar, Hasbrouck Building, and many other locations across campus.

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The UNIVERSITY

Founded in 1863, the University of Massachusetts is one of the 66 land grant colleges and universities in the United States providing public education, research and service. Its three campuses are located at Amherst, Boston, and Worcester. The University campus in Amherst, situated on 1,100 acres in the picturesque Connecticut River Valley, has approximately 24,000 students and is served by a $200 million physical plant. The University of Massachusetts at Boston is an urban university, founded in 1965, currently enrolling approximately 8,000 students. Inaugurated in the fall of 1970, the new University of Massachusetts Medical School in Worcester opened its teaching hospital in 1975.

At the Amherst campus, a broad and continuous program is provided by the undergraduate schools and colleges, the Graduate School and the Division of Continuing Education. Basic units are the College of Arts and Sciences, the College of Food and Natural Resources, and the Schools of Business Administration, Education, Engineering, Health Sciences, and Physical Education. The University also has voluntary Army and Air Force R.O.T.C. programs, an active Phi Beta Kappa chapter, and more than 400 student organizations. Numerous centers, bureaus and institutes actively serve the Commonwealth in such fields as government research, labor relations, natural resources, and population.

Summer study is a long tradition in Amherst since the first active Summer Session in 1909. In addition to the many credit-bearing courses, the University has also expanded the educational program to include a full schedule of conferences and institutes, a credit-free workshop series offered by the Division of Continuing Education and cultural events sponsored by many campus agencies including the Arts Extension Service, the Student Activities Office, and the Fine Arts Center.

UMass/Boston is located at an exciting new campus on Dorchester Bay, overlooking Boston Harbor. This commuter campus is only three miles from the center of Boston. This proximity, coupled with an excellent public transportation system, offers easy access to the civic, cultural and historical attractions of the city. It is near the Columbia MBTA station, and free shuttle bus service is provided to and from the campus.

Educational opportunities on the Boston campus are offered by three colleges, providing diversity within the University and structure to groups of students who share common education interests and goals. The College of Arts and Sciences and the College of Management and Professional Studies are located on the Harbor Campus. The College of Public and Community Service is housed at the Downtown Center in Park Square. In each of the colleges a low faculty-student ratio has been maintained in order to perform with excellence the traditional functions of Western universities. UMass/Boston also offers a program of graduate studies in the fields of biology, chemistry, English, history and mathematics during the regular academic year.

The Harbor Campus is a complex of six buildings: the two academic centers for liberal arts, the central Library, the Science Center, plus the Administration and Service Buildings. The downtown Boston campus in the Park Square area also houses the President's Office.

The John F. Kennedy Presidential Library, located on the coastal edge of the Harbor Campus, is linked to the University by a series of educational programs which allows students and teachers to share in its rich resources.

During the summer UMass/Boston offers a variety of undergraduate and graduate courses, particularly those which are overenrolled during the school year. This allows students to fulfill University requirements or explore areas outside their regular studies. The College of Arts and Sciences and the College of Management and Professional Studies hold summer classes at their regular Harbor Campus and Downtown locations. A number of evening classes are given at the Park Square Campus by the College of Arts and Sciences. In addition, a program of studies in the fields of the natural sciences and humanities is offered by the University on Nantucket Island.

Who May Register

Any person who has graduated from high school or who has a certificate of general educational development is entitled to enroll in undergraduate courses offered through the Summer Session at the University of Massachusetts at Amherst. The University assumes that the student will accurately assess his or her ability to take a college level course. It is the student's responsibility to observe prerequisities for individual courses.

The University invites applications from all members of the Commonwealth as well as out-of-state residents. Older students and persons without traditional preparation are encouraged to apply, as they often prove to be our best students.

College-bound high school students are invited to begin their college education immediately upon graduation by enrolling in the Summer Session. For the highly motivated student, perhaps already convinced that his/her formal education will require graduate or professional studies, an early start may save valuable time. Similarly, students in financial need may find it less expensive to complete their undergraduate education in less than four years. Summer Session attendance can substantially reduce the time necessary to obtain a Bachelor's degree.

A Bachelor's degree is normally required for admission to graduate level courses unless otherwise specified in this catalogue or unless written permission to enroll is obtained following counsel with the teaching faculty member.

Summer enrollment allows a student to take courses, but does not imply acceptance into a degree program at the University of Massachusetts. Any student who wishes to matriculate at the University must submit an application to the appropriate Admissions Office.

AMHERST

Calendar

F First Session **S** Second Session **X** Extra Session VARIABLE DATES

	First Six Weeks June 3 – July 11	Second Six Weeks July 15 – August 22	Courses beginning June 3 – July 11	Courses beginning July 15 or after
Advance Mail Registration Deadline	May 21 Wednesday	July 2 Wednesday	May 21 Wednesday	July 2 Wednesday
Walk-in Registration	June 2* Monday	July 14** Monday	June 2* Monday	July 14** Monday
Classes Begin	June 3 Tuesday	July 15 Tuesday	Variable starting dates	Variable starting dates
Add/Drop Deadline	June 9 Monday	July 21 Monday	Determined on proportional basis	Determined on proportional basis
Pass/Fail & Audit Option Filing Deadline	June 9 Monday	July 21 Monday	Determined on proportional basis	Determined on proportional basis
Withdrawal Deadline	June 16 Monday	July 28 Monday	Determined on proportional basis	Determined on proportional basis
Holidays	July 4 Friday		July 4 Friday	
Last Day of Classes	July 11 Friday	August 22 Friday	Variable ending dates	Variable ending dates

Final examinations will be given during the regular class period unless otherwise requested by the instructor.

For starting dates of individual 'X' Session courses please see the schedule of classes.

All add/drop, withdrawal, pass/fail and audit deadlines for 'X' Session courses will be determined on a proportional basis. See "Course Changes" under Amherst Registration Information.

*Walk-in Registration, All Courses — 9 a.m. - 1 p.m. and 5 - 7 p.m., Campus Center Auditorium.
**Walk-in Registration, All Courses — 9 a.m. - 1 p.m. and 5 - 7 p.m., Whitmore Administration Building.

'F' Session Refund Schedule

June 3 - June 9	60%
June 10 - June 16	20%
After June 16	No refund

'S' Session Refund Schedule

July 15 - July 21	60%
July 22 - July 28	20%
After July 28	No refund

'X' Session Refund Schedule

Three-week courses

During the first five class days	50%
After the fifth class day	No refund

Twelve-week courses

During the first five days of session	80%
The 6th - 10th day of session	60%
The 11th - 15th day of session	40%
After the 15th day of session	No refund

The University Ensemble Theater
Fine Arts Center
University of Massachusetts
Amherst, MA 01003

THEATER IN THE WORKS

PRODUCTION INTERN PROGRAM
SUMMER 1980
June 16 to August 8

SETS

PROPS

LIGHTS

COSTUMES

MANAGEMENT

Earn up to 6 credits
Cost: $8.25 per week (approximately)
Work-study money available

THE IN WORKS

Four new scripts by America's most promising playwrights and translators produced in workshop by a company of professional actors, directors, and designers on the stage of the Frank Prentice Rand Theater at the University of Massachusetts Fine Arts Center.

For more information write to:

Robert A. Shakespeare
Department of Theater
112 Fine Arts Center
University of Massachusetts
Amherst, MA 01003

AMHERST

Registration Information

Advance registration will be arranged for persons submitting their Summer Session registration form by the mail registration deadline appropriate for the desired session. Course registrations and scheduling will be handled on a first come-first served basis. Although every effort is made to accommodate scheduling requests, the University cannot guarantee enrollment in a particular course section. **Early application will help to ensure a preferred schedule and will enable the student to avoid the necessity of attending Walk-In Registration.**

TO REGISTER IN ADVANCE SUBMIT A REGISTRATION FORM ON PAGE 71 BY MAIL WITH FULL PAYMENT TO:

Summer Session Office
Whitmore Building
University of Massachusetts
Amherst, MA 01003

A registration form is included in this catalogue and may also be obtained from the Registrar's Office, Whitmore Building; from the Graduate School, A245, Graduate Research Center; from the Summer Session Office, Whitmore Building; or from the Division of Continuing Education, Hasbrouck Building, University of Massachusetts, Amherst, MA 01003.

ADVANCE REGISTRATION PROCEDURE: REGISTERING BY MAIL

1. Review and select courses from this Summer Session catalog.
2. Complete Summer Session registration form. Use schedule line numbers and section numbers given in the Schedule of Classes in the Amherst campus section of this catalog. Pay particular attention to the letter codes indicating the session (F, S, or X) in which the courses are being offered.
3. Students currently enrolled at the University of Massachusetts (Undergraduate, Graduate, Continuing Education or Boston campus) should include their current student identification number in the appropriate section on the registration form.
4. Mail form and full payment *(excluding lab fees)* to Summer Session Office, Whitmore Building, University of Massachusetts, Amherst, MA 01003. Keep in mind the deadlines for advance registration.
5. Course changes received prior to the advance registration deadlines will be processed. If received later than the deadline, the student must make the course change at Walk-In Registration.
6. All fees, with the exception of lab fees, must be paid in full at the time of registration.
7. Advance registrations will be confirmed by return mail during the week prior to the beginning of F Session and the week prior to the beginning of S Session. Confirmation will be mailed to the student's local mailing address if it is a recorded off-campus address, otherwise to the student's permanent home address.

Deadlines for Advance Mail Registration

Wednesday May 21	F Session classes beginning June 3 X Session classes beginning before July 15
Wednesday July 2	S Session classes beginning July 15 X Session classes beginning July 15 or after

Walk-In Registration

Dates	Session	Location
Monday June 2	F Session, all classes beginning June 3 X Session, all classes beginning before July 15	Campus Center Aud. 9 a.m. - 1 p.m. and 5 - 7 p.m.
Monday July 14	S Session, all classes beginning July 15 X Session, all classes beginning July 15 or after	Whitmore Building 9 a.m. - 1 p.m. and 5 - 7 p.m.

Independent Study, Special Problems, Thesis and Dissertation Credit

1. Students contemplating Independent Study, Special Problems, Thesis or Dissertation work must obtain the permission of the appropriate department heads and/or advisors.
2. Complete Summer Session registration form. Omit schedule numbers and section numbers. Schedule line numbers will be available at the appropriate departmental offices and at the Summer Session Office, Whitmore Building.
3. Students may register for Independent Study, Special Problems, Thesis and Dissertation any time before the end of the add/drop period for the S Session, July 21, 1980. Payment must be made in full at the time of registration. (A student who fails to register properly for such work will not receive an identification card and is not entitled to use University facilities during the Summer Session.)

EXPENSES

Credit Fees for Summer Session Courses

Undergraduate: $30 per credit
Graduate: $40 per credit

Credit recording fees for Independent Study, Special Problems, Thesis or Dissertation Credits

Undergraduate and Graduate: $15 per credit

Summer Services Fee

F Session: $49.50
S Session: $49.50
X Session: $ 8.25 per week

A Summer Services Fee of $8.25 per credit is required of all students who register only for Independent Study, Thesis, Dissertation or Special Problems.

Additional explanations and information may be found alphabetically under **General Information.**

COURSE CHANGES

Students wishing to add or drop courses, or withdraw from the Summer Session, must formally notify the Summer Session Office in writing by mail or in person during regular office hours. *Notifying the instructor or ceasing to attend class does not constitute official withdrawal.* Failure to use proper procedures could result in an "F" being recorded as a final grade. Students dropping courses during the refund period will receive refunds only if proper procedures are followed.

Course changes may be made at Walk-In Registration or at the Summer Session Office after Walk-In Registration. All add and drop deadlines listed in the following sections must be observed.

To change course registration:

1. Review and select courses from this Summer Session catalog.
2. Complete Summer Session course Add-Drop form, available at Summer Session Office, Whitmore Building.
3. When adding a course, secure departmental approval signature and have name entered on class roster before having the Summer Session Office review the form.
4. Submit form to the Summer Session Office for review and approval.
5. Pay any remaining bill at the Bursar's Office.

ADD PERIOD DEADLINES

Students may add a course with written permission of the instructor through the first week of classes for courses of six or more weeks duration. * For "F"—**First Session**—courses, the deadline is June 9. For "S"—**Second Session**—courses, the deadline is July 21. "X"—**Extra Session**—courses of at least six weeks duration follow either the F Session deadline (if classes begin prior to July 15) or the S Session deadline (if classes begin July 15 or after). For courses of less than six weeks duration see next page.*

DROP PERIOD DEADLINES

1. All students may drop a course with no record through the first week of classes for courses of six or more weeks duration.*

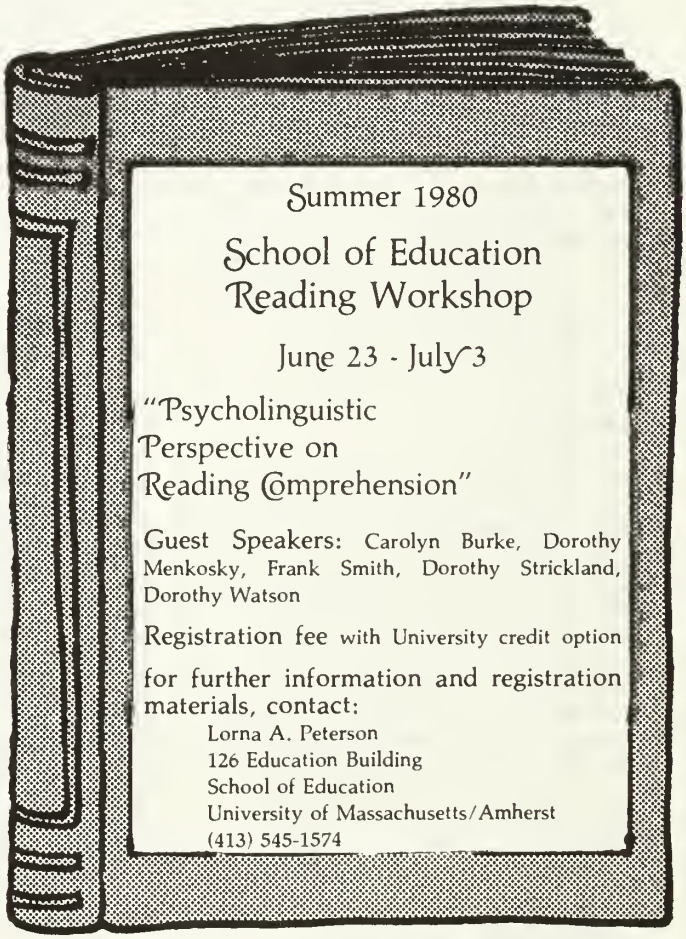
F Session drop deadline is June 9.
S Session drop deadline is July 21.
X Session on a proportional basis.

Life Issues:

DIVORCE

April 17, 1980
10:30 am
Fort River School
Amherst, MA
Contact
Mary Bohn

This workshop will consider the effect of divorce on a child's school experience. Practical suggestions are given for teachers who are trying to help children whose parents are separated or divorced. There will be a video-tape of single parents discussing how the school can be helpful to single parent families



2. Undergraduate students may drop a course with a "W" and graduate students with a "DR" from the first week to a period not to exceed one-third of the duration of the course for courses of six or more weeks.*

F Session last day to withdraw is June 16.
S Session last day to withdraw is July 28.
X Session on a proportional basis

3. Undergraduates who drop courses after the first one-third of the duration of the course will receive an "F" unless a retroactive withdrawal ("W") is approved by the Academic Dean.* Graduate students who drop courses after this period will receive either a "WF" (withdraw failing) or a "WP" (withdraw passing).

The above policy applies to all undergraduate and graduate students attending the Summer Session.

OVERLOAD CREDITS

A maximum course load for the 12-week Summer Session is considered to be 12 credit hours of University work for undergraduates, and nine credit hours of University work for graduate students. Students who wish to register for additional credits must secure approval as follows:

Undergraduates

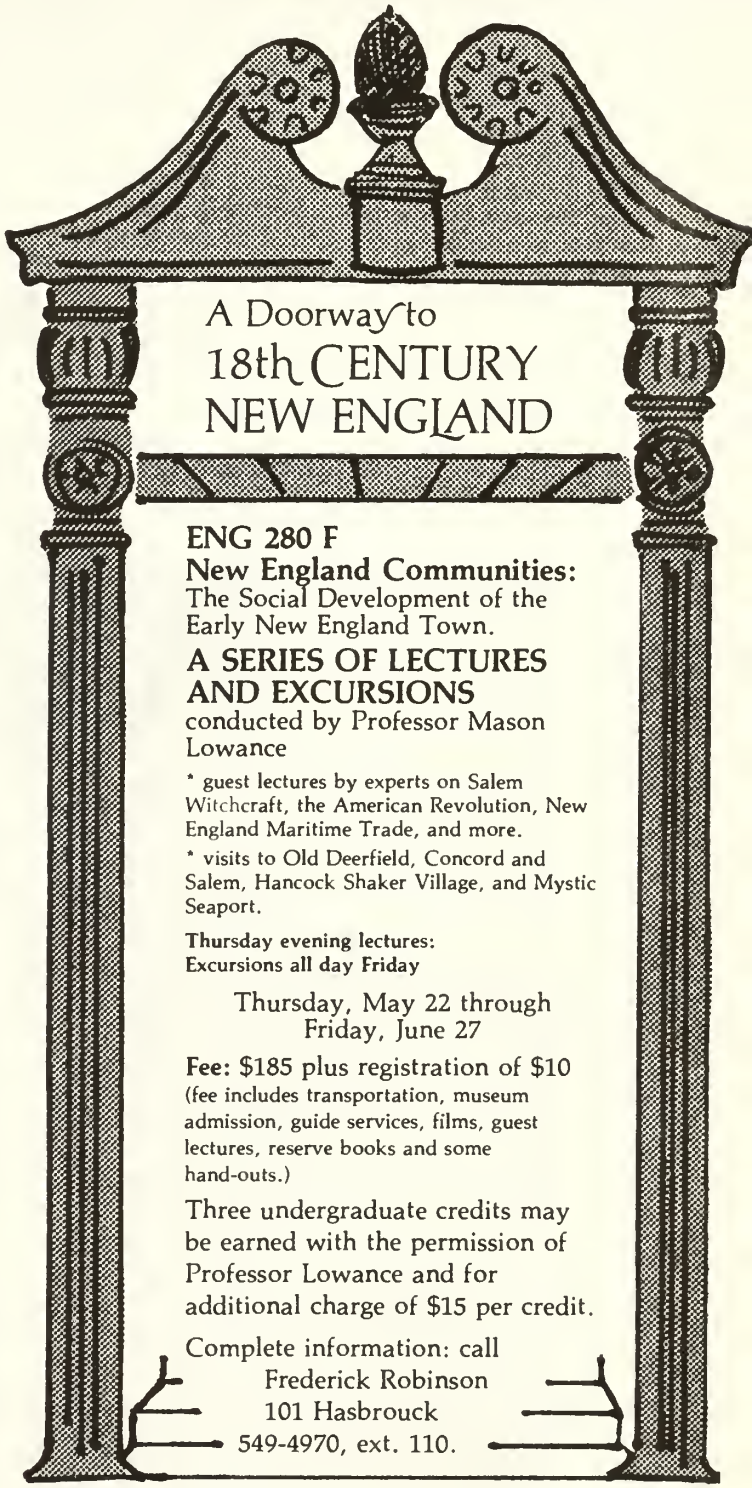
1. Undergraduates pick up Summer Overload Request form at the Registrar's Office, 213 Whitmore Building.
2. University students secure a signature of their Academic Dean; previously enrolled Continuing Education students and visiting students secure signature of a Continuing Education Academic Advisor.
3. Return form to Summer Session Registrar, Whitmore Building.

NOTE: A senior graduating in summer 1980 or January 1981 may register for 15 credits without extra permission.

Graduate Students

1. Secure approval of the Director of Graduate Studies in major department.
2. Return approval to Summer Session Office, Whitmore Building.

** In the case of Courses of less than six weeks duration Add, Drop and Withdrawal deadlines will be determined on a proportional basis by the individual Academic Dean. Visiting summer students and Continuing Education students secure approval of the Summer Session Registrar, Whitmore Administration Building.*



American Institute of Buddhist Studies

1980 Summer Institute
June 9 - July 1
University of Massachusetts at Amherst

In cooperation with UMass (Amherst) Asian Studies Program and Division of Continuing Education, the 1980 AIBS Summer Institute offers 18 university-accredited courses in Buddhist Traditions, Asian Studies, and Comparative Perspectives. In addition, the program includes Workshops and Weekend Events.

BEGINNING & ADVANCED COURSES

Theravada, Mahayana, Tantra
Comparative Philosophy
East-West Psychology
Tibeta Debate
Meditation Buddhist Art
Indian Music
Enlightenment Poetry
Asian Languages

WORKSHOPS

Aikido, Yoga, Temple Dance
Tibetan Rituals, Astrology
Zen & Creative Work
Tantric Visualization
Japanese Tea Ceremony
East-West Myths
Zen Sesshin

INSTRUCTORS

Diana Alstad, Bhikku Bodhi
Dan Brown, Alex Eliot
Lozang Jamspal, Thupten Kalsang
M. Kanai, Philip Kapleau Roshi
Joel Kramer, M. Nagatomi
David Reck, Marylin Rhie
David Spangler, Robert Thurman
Taitetsu Unno, Alex Wayman

Catalogue: AIBS, 86 College St., Amherst, MA 01002 (413) 256-0281

AMHERST

General Information from A~Z

ACADEMIC STANDING

University of Massachusetts undergraduate students under Academic Suspension for the Fall 1980 semester are not relieved of the necessity to take a semester off from the Univeristy because they have taken courses in the Summer Session. The suspension is still operative for the fall semester.

ADVISING

General academic advising will be available to Summer Session students from College and School undergraduate academic advising staffs.

Appointments are not necessary in all cases, but are recommended in order to ensure prompt attention. Counseling staff, hours, and locations, as well as telephone numbers are listed below.

College of Arts and Sciences
Information and Advising Center (CASIAC)

Various faculty and student advisers
Machmer E-20
545-2191
Monday through Friday 9 - 4.

College of Food and Natural Resources

William Tunis; Yvonne Morand
Stockbridge Hall 102
545-0302
Monday through Friday 8:30-4:30
(102 Stockbridge serves as an advising center where all students may acquire general information about academic programs and regulations, and may seek assistance with academically related problems.)

Division of Continuing Education—Part-time students

Janise Fitzpatrick; Harry Neunder
Office of Transfer Affairs, 208 Whitmore
545-3430
Monday through Thursday 8:30 - 7P.M., Friday 8:30-5:00.

School of Business Administration

Nelson Pion; John C. Morand
School of Business Administration 211
549-4930
Monday through Friday 8:30-4:30.

School of Education

Michael G. Schwartz
School of Education Bldg. 125B
545-2701
Information and advice on teacher certification programs may be obtained—appointment please. Office hours are Monday-Friday, 9 a.m.-5 p.m. The office will be closed on those days when summer counseling for new students takes place.

School of Health Sciences

J. Melrose, Communications Disorders
Arnold House
545-0131
By appointment

A. Friedman, Nursing
Arnold House
545-0405
By appointment

Howard Peters, Public Health
Public Health Bldg. N231
545-2177
Monday through Friday, 9-4.

School of Engineering

K. Cashin
Engineering East 210C
545-0302
Monday through Friday, 9-5.

School of Physical Education

Margaret Coffey
No. Physical Education Bldg. (NOPE) 109
545-0529
By appointment

AUDITING

A student who intends to audit a course must register and pay the stated fees. A student may not change from graded status to audit after the end of the Add/Drop Period. (See **Course Changes** under Registration Information.) Requests for audit status should be submitted to the Summer Session Office, Whitmore Building.

CANCELLATIONS

All University Summer Session courses are funded by course fees. In the event that instructional costs cannot be met due to underenrollment, any course may be cancelled Courses numbered 100 through 599 may be cancelled if enrollment does not reach 15 at the end of in-person registration for that course. Courses numbered 600 and above may be cancelled if enrollment does not reach 10 at the end of in-person registration.

Students who are affected by a course cancellation due to underenrollment, and who do not wish to enroll in an alternative course will receive a full refund for the cancelled course upon written notification of the Summer Session Office, Whitmore Administration Building.

CREDIT

All courses offered in the Summer Session carry degree credit and are equivalent to courses offered at the University during the regular academic year unless specified otherwise. Credits obtained in these courses are ordinarily accepted as transfer credits by other colleges and universities.

Students who are registering for graduate level work during the Summer Session and who desire to pursue an advanced degree at the University must file an application for admission with supporting documentation at the Graduate Admissions Office.

Once admitted to a graduate degree program, a student may transfer a maximum of six graduate credits earned prior to admission.

DISTRIBUTION REQUIREMENTS

Courses which may be applied toward completion of University of Massachusetts distribution requirements are designated by a capital letter, in parentheses, following the course title: Rhetoric (B); Humanities (C); Social/Behavioral Sciences (D); Math/Natural Sciences (E).

EXPENSES

Credit Fees for Summer Session Courses

Undergraduate: $30 per credit
Graduate: $40 per credit

Credit recording fees for Independent Study, Special Problems, Thesis or Dissertation Credits

Undergraduate and Graduate: $15 per credit
NOTE: Massachusetts residency does not affect credit fees.

Summer Services Fee

F Session: $49.50
S Session: $49.50
X Session: $ 8.25 per week

A Summer Services Fee of $8.25 per credit is required of all students who register only for Independent Study, Thesis, Dissertation or Special Problems. Payment of the Summer Services Fee entitles the student to services and programs provided by the University Health Center, Campus Center, Summer Activities Office, and Recreation and Intramurals Office. A valid I.D. will be issued following payment.

NOTE: The maximum Summer Services Fee charge for a six-week period is $49.50. Do not pay the fee twice where sessions overlap (e.g., F plus X, S plus X, or Independent Study plus F, X, or S Courses).

Laboratory Fees

Laboratory fees are indicated in the Schedule of Classes section of this bulletin. The Summer Session Office reserves the right to add, change or delete laboratory fees when necessary. Students must pay laboratory fees *after* the beginning of the class. Do NOT include this fee with registration payment.

FINANCIAL ASSISTANCE

A limited amount of financial assistance will be available for students enrolled in summer school. The students must be *in good academic standing,* enrolled in degree program (matriculated) through either the University of Massachusetts or the Division of Continuing Education, and must have been enrolled at UMass for Spring 1980. Priority consideration will be given to students who must attend summer session in order to graduate by January 1981. All other students who will be taking 6 or more credits are encouraged to apply in March for guaranteed student bank loans rather than University or campus-based federal funds. Further information concerning these loans, the types of aid available and the application procedure will be available in the Financial Aid Office and the Summer Session Office by the last week of April 1980.

Summer Work Study

Limited work-study awards for continuing University students will be made for Summer 1980. Applicants must indicate on the MFAF a wish for summer work-study on Section G below Line 47 on the financial aid application which should be completed and received by the Financial Aid Office by April 30, 1980, with all required documents. Late applications will be considered only after awards have been made to timely applicants. Recipients of summer work-study are expected, by federal guidelines, to use a percentage of their earnings for meeting educational expenses.

Amherst campus maps

are available at the summer session office, Whitmore administration building, and at the information desk on the Campus Center concourse.

GRADES & TRANSCRIPTS

All grade reports for the Summer Session will be mailed to the permanent address of *undergraduate* students and to the local address of *graduate* students. The mailing will be in September after the close of the entire Summer Session and transcripts will not be available until that time. Submit transcript requests to the appropriate Records Office as indicated below:

A permanent record of courses taken in the Amherst campus Summer Session will be maintained by the following administrative units:

1. For admitted and visiting undergraduates at the Amherst campus and for previously enrolled "undergraduate" Continuing Education students: Amherst Undergraduate Transcript Office, 213 Whitmore Administration Building.
2. For admitted and visiting graduate students at the Amherst campus and for previously enrolled *graduate* Continuing Education students: Graduate Records Office, Graduate Research Center.
3. For Boston campus students: Boston Campus Records Office.

HOUSING

University residence halls will be available to students wishing to live on campus during the Summer Session. Please fill out the application form on page 70 and mail, no later than May 15, 1980 to: Summer Housing Office, 918 Campus Center, University of Massachusetts, Amherst, MA 01003.

Residence halls will be open for occupancy on Sunday, June 1. Dorm assignments and keys may be obtained at the 3rd level Registration Office in the Campus Center on Sunday, June 1, and Sunday, July 13 from 9 a.m. to 5 p.m. each day.

All residence hall rooms are provided with basic furniture, including beds and mattresses, desks, desk chairs, and waste baskets. Each student is responsible for providing ashtrays, pillows, bed linen, blankets and towels. Linen packets (two sheets, pillow case and two towels) are available at a cost of $5 for the first package and an additional $2.50 for each weekly exchange.

I.D. CARDS

University Students

Regularly enrolled Undergraduate, Graduate, Continuing Education and Boston campus students may obtain a Summer 1980 *validation sticker* for their picture identification cards at the I.D. Office which will be located in 113 Whitmore until May 23 and located in Northeast Area beginning June 2. Office hours are Monday through Friday, 9 a.m. to 4 p.m. Validation stickers will also be available at any of the scheduled Summer Walk-In Registrations. Students are required to pay the Summer Services Fee and must present either their summer schedule card or the stamped copy of their registration form as proof of registration.

Visiting or New Students

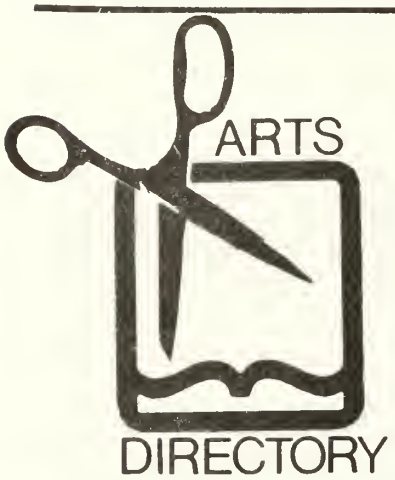
Summer visiting or new students may have pictures taken for *temporary summer identification cards* at the I.D. Office which will be located in 113 Whitmore until May 23 and located in Northeast Area beginning June 2. Office hours are Monday through Friday, 9 a.m. to 4 p.m. Pictures will also be taken during the evening of Wednesday, June 11, from 6 - 7:30 p.m. Students are required to pay the Summer Services Fee and must present their summer schedule card or the stamped copy of their registration form as proof of registration, as well as one other form of identification. Students who have not registered in advance (Mail Registration) must wait 48 to 72 hours after completing registration for the assignment of a student number *before* they may have their I.D. picture taken. I.D. cards may be picked up at the I.D. Office 24 hours after having the picture taken. There is a $1 charge for picture I.D. cards.

PARKING & BUSES

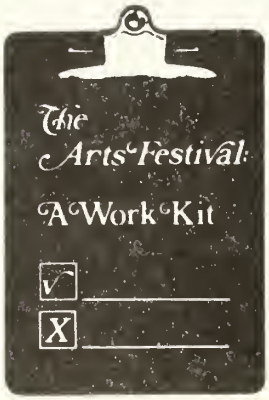
Vehicles registered with the Parking Office displaying a current parking decal may park in their assigned lot or any edge lot.

Unregistered vehicles should be registered with the Parking Office, Room 1, Munson Hall; office hours are 8:30 a.m. to 4 p.m. The registration fee of $5 enables the vehicle to use all edge lots: 21, 22, 23, 24, 25, 26, 31, 32, 34, 44, 46, 47, 48, 49, 50. If an individual wants to register a vehicle for a core lot, the cost is a $5 registration fee plus the monthly convenience fee of $3 for a core lot, and $4.20 for lot 71.

The Student Senate Transit Service will provide regularly scheduled no fare bus transportation during the Summer Session. It is anticipated that buses will serve students commuting from Belchertown, South Amherst, North Amherst, Sunderland, South Deerfield and points in between on all weekdays when classes are in session. Sufficient buses will be scheduled to transport students to the campus in the morning, to outlying points, return at midday, and home at the end of the day. For bus service information, call 545-0056.



A yellow pages listing of artists, craftspeople & performers, writers, film makers & businesses who can help you present your next party or special arts event.
$ 3.50



A detailed blueprint for scheduling and programming special events.
$3.50

A direct marketing tool for craftspeople and artists and a comprehensive listing for the fair going public.
$2.50

A useful resource intended to acquaint the reader with some of the problems involved in the creation of a logo.
$2.00

To order your copy(s) write
THE ARTS EXTENSION SERVICE
Division of Continuing Education, Hasbrouck Lab
University of Massachusetts Amherst, MA 01003

PASS/FAIL

A regularly enrolled undergraduate student must be enrolled for six credit hours during the Summer Session to use his/her pass/fail option for one summer course. Many School of Education courses are graded on a mandatory Pass/Fail basis. A non-education major enrolling in such a course may elect to use the Pass/Fail option in one additional course. Graduate students wishing to use the Pass/Fail option should consult both the Graduate School and the appropriate academic department. *Pass/Fail requests must be submitted to the Summer Session Registrar by the end of the Add/Drop period.* (See **Course Changes** under Registration Information.)

RECREATION & INTRAMURALS

All registered 1980 Summer School students who have paid the Summer Services Fee are welcome to enjoy all phases of the Intramural Recreational Sports Program. The program provides opportunities for participation in competitive, structured, and unstructured sport and physical activity. Clothing, services, and equipment are available according to current Department of Athletics/Intramurals policies.

UMass I.D. cards, validated for Summer 1980, are *necessary* for admittance to all facilities and participation in all activities.

For further information regarding the program, contact the Intramural Office, Boyden Room 215, tel. 545-3334 or 545-2693, Monday through Friday. Calendars are distributed stating the tentative starting dates and procedures for each sports activity.

REFUND SCHEDULE

F Session

June 3 - June 9	60%
June 10 - June 16	20%
After June 16	NO REFUND

S Session

July 15 - July 21	60%
July 22 - July 28	20%
After July 28	NO REFUND

X Session

Three-week courses

During the first five days of class	50%
After the fifth day of class	NO REFUND

Twelve-week courses

During the first five days of session	80%
The 6th through 10th day of session	60%
The 11th through 15th day of session	40%
After the 15th day of session	NO REFUND

ALL OTHER VARIABLE LENGTH COURSES ON A PROPORTIONAL BASIS

Students are entitled to a full refund in the event of course cancellation.

TEXTBOOKS & SUPPLIES

Most textbooks required for summer classes are sold at the Textbook Annex located on the top floor of the Physical Plant Building. Students may purchase books either on a cash basis or with checks, provided that they have a valid UMass Summer I.D. No credit cards are accepted.

The Textbook Annex hours during the 1980 Summer Session are:

Monday through Friday 9 a.m.-4 p.m.

Students may purchase sundry items at the University Store, located on the concourse level of the Campus Center. Normal summer hours: Monday through Friday, 8:30-4:30.

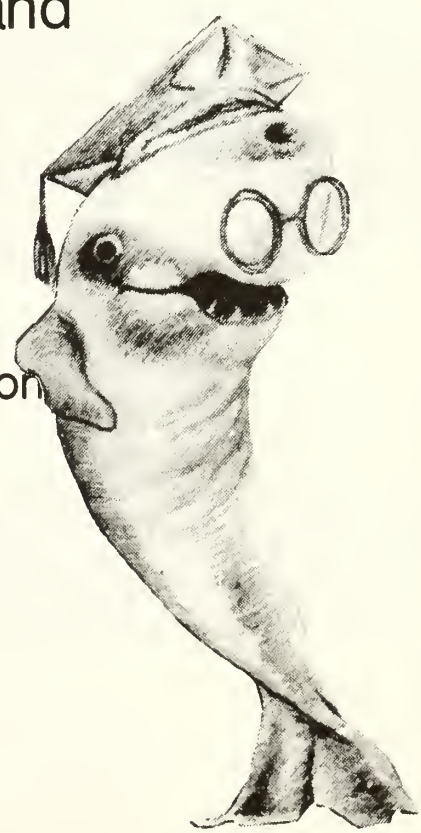
VETERANS AFFAIRS

Veterans are eligible to receive full-time benefits for carrying a minimum of four credits during F Session (June 3 through July 11), and four credits during S Session (July 15 through August 22). If a veteran takes less than the minimum amount of credits for full-time status, his/her monthly benefits will be adjusted accordingly.

To receive these benefits, veterans should contact the Veterans Affairs Office, Mobile Unit Number Four, phone 545-1346, eight to ten weeks prior to the beginning of the particular summer session to allow ample time for processing paperwork.

Have a Great Summer and Go to School too...

Come to Nantucket



The UMass/Boston Summer Program on the Island offers courses in:

Biology
Theatre
Film
History
Music

See course descriptions under Nantucket Program.

AMHERST Annotated Directory

University Offices

Admissions

Dean of Admissions: Diedre L. Kedesdy
255 Whitmore (545-0222)

The Freshman Admissions Office is responsible for all administrative procedures concerning admission of undergraduates to the University Amherst campus. Activities include processing, reviewing and admission determinations for approximately 13,000 applications for full-time freshman enrollment as well as processing and decision-making for a variety of other programs including Second Bachelor's Degree and Special Student status. The staff also conducts high school visits throughout the state to establish liaison with counselors, prospective applicants and parents, and coordinates on a continuing basis with faculty and staff in setting admission standards and policies.

Transfer Affairs

Director: Kathy L. Ryan
208 Whitmore (545-0860)

The Office of Transfer Affairs serves as a general resource center for all matters pertaining to the transfer process. One of the major functions of the office is to work with academic departments on campus and at the community colleges in a cooperative effort to provide a smooth academic transition for the transfer student from one institution to the other. In addition to the general transfer function, the office also administers the National Student Exchange Program as well as the credit for prior approval process. This office also provides academic counseling services to part-time (Continuing Education) students.

Registrar

Registrar: Ralph D. Jones
213 Whitmore (545-0555)

The Registrar's Office is responsible for enrollment and registration for undergraduate administrative procedures relating to course loads (adding and dropping courses), courses of study, withdrawals, producing grade reports, transcripts, records of matriculation, and maintaining permanent academic record cards and related activities.

Financial Aid Services

Director of Financial Aid Services: Edward Apodaca
243 Whitmore (545-0801)

Financial Aid Services assists students with financial counseling and also aids in finding suitable employment, awards, loans, grants, scholarships, and assigning part-time work. The office is responsible for administering all federal, state and private financial aid for the Amherst campus as well as coordinating all student employment. The Financial Aid Office also has information concerning area employment, scholarships, loans, etc. Students are advised to apply early for all financial aid.

Part-time students must currently be enrolled in a degree-granting program and carrying six or more credit hours per semester for consideration for financial aid.

Campus Center

Director: William M. Harris
820 Campus Center (545-0585)

The Campus Center Director administers and coordinates the policies of the Campus Center Complex (which includes the Student Union Building and the new Campus Center). His duties include close coordination with the Campus Center Governing Board, serving on various committees concerned with student services, and supervision of the Campus Center Complex staff and services. Major areas of responsibility include the University Store, Campus Center Food Services, lobby and games area, Campus Center overnight accommodations and Print Shop.

Campus Assistance Center

Campus Center Concourse (545-0012, 545-0014)

The Assistance Center acts as a reference desk for any information needed by students.

Child Care Office

Coordinator: Elizabeth Perkins (545-1566)

The Child Care Office provides referral service on day care available in the Five-College area. It keeps files of private, cooperatively sponsored, clinically-orientated, or University Day Care facilities. The office is also involved in developing new child care programs. The Child Care Office also offers a babysitting referral system and a toy lending library in North Village.

Some day care programs for children are available during the summer. More information is available by contacting the Child Care Office.

Student Development and Counseling Center

Director Sally A. Freeman
Berkshire House (545-0333)

The psychological and career counseling services of the Student Development and Counseling Center offer a variety of ongoing programs in addition to scheduled workshops. Individual and group counseling are offered by appointment and provide assistance with personal, educational, vocational and career concerns. The Center operates on a walk-in intake system and in most cases the student can talk with a counselor at that time. The Center maintains an up-to-date career resource library containing information about a wide variety of careers, vocations and information about the world of work. All national testing programs are administered through SDCC and information and applications for GRE, LSAT, MCHE, NTE, CLEP, etc., are available.

Throughout the course of the year, SDCC staff will conduct special counseling sessions in areas such as examination anxiety, study skills, and career exploration. Special programs of this nature are announced in advance through campus media.

In addition to the above activities, the Student Development and Counseling Center also has responsibility for all new student programs.

Division of Continuing Education

Director of Continuing Education: Miriam Williford
Hasbrouck Building (549-4970)

The Division provides educational opportunities to part-time, non-traditional students throughout the year. During the fall and spring semesters, Wintersession (January break) and Summer Session, the Credit Programs Office schedules University courses at a variety of times and locations; Credit-Free Workshops provide personal growth and enrichment opportunities. In addition, certificate and licensing programs are offered for students requiring vocational training or professional upgrading.

Direct Information Service

Jones Library
Amherst Center (256-0121, 1-800-282-7779)

Direct Information Service is an information and referral program with a listing of over 1,421 social service agencies Hampshire and Franklin Counties. Service is free of charge. We have public and private service organizations and individuals. If DIS cannot help you themselves, they can direct you to the people who can.

Everywoman's Center

Wilder Hall, Second Floor (545-0883)

The EWC offers academic, career, personal, and rape counseling and support group services. An educational alternatives for women workshop is offered for women during fall and spring semester and internships are available for undergraduate and graduate women. Assistance and counseling are available for single mothers and welfare recipients who are re-entering school. The Third World Women's Task Force works with Third World women's groups on campus and in the Five-College area. Also provided is information on day care, jobs, housing, legal and health resources and women's issues. A monthly feminist newspaper for campus and community women is published by the EWC.

Foreign Student Office

239 Whitmore (545-2843)

The Foreign Student Office provides non-academic and personal support for students, faculty, and staff who are not United States residents.

Handicapped Student Affairs Office

277 Whitmore (545-0892)

The Handicapped Student Affairs Office was established to assist academically qualified students who have physical disabilities. Support services provided include interpreting services for the deaf and reader services for the blind. For severely disabled students, accessible housing and transportation (lift equipped vans) are provided in addition to maintaining an attendant pool. Students, parents, and counselors concerned may contact the Office of Handicapped Student Affairs, 277 Whitmore, (413) 545-0892.

Health Services

Director: Barry Averill
Health Center (549-2671)

The University Health Services is organized to provide a comprehensive program of health care services for the University community. Emphasis is on individual health maintenance which is encouraged through education, prevention, and the availability of high quality personal health care services and environmental surveillance.

Medical Care Services

Medical Director: Thomas McBride
Nursing Director: Susan Pennington
Patient Services Director: Shelley Arcus-Ting

Students and their dependents may seek consultations with the physicians, nurse practitioners, and specialists in the out-patient unit of the Health Services. Students may consult with a staff member by phoning for an appointment (549-2600). Services such as X-ray, laboratory, pharmacy, and physical therapy are located in the Health Center. Emergency care is available 24 hours a day. Vision examinations are available on a co-payment basis. The Health Center is also a hospital providing bed care for students with more serious illnesses.

Health Education Services (549-2671)

Director: Jane Zapka (549-2671)

The Health Education staff provides a broad range of programs and activities to help promote responsible attitudes and behavior with respect to personal and community health. If your group is interested in a program about human sexuality, nutrition, alcohol, women's health, stress management, first aid, or other health related topics, contact this office. Patient education programs are offered. Smoking cessation, weight control, physical fitness and parenting classes are available.

Dental Health Services (545-2400, 545-2401)

Director: Henry Lubin

The Dental staff provide emergency dental care, initial oral examinations (except X-rays) and dental health education services as part of the Health Fee. Cleanings and restorative care are provided on a fee-for-service basis, when time permits. Removal of impacted teeth will be offered through the Health Center or by referral to a participating surgeon on a co-payment basis.

Environmental Health and Safety Services (545-2682)

Director: Donald Robinson

The staff works with students, staff and faculty to promote a safe and healthful environment at the University. They are responsible for such activities as Handicapped Student Affairs, radioactive material control, injury prevention, fire safety and public health concerns related to food service and kitchenette sanitation.

Medical records are held in strict confidence and will not be released to anyone without the patient's written permission.

Mental Health Services (545-2337)

Director: David Kraft

Daily living can sometimes become a perplexing experience and you may find it helpful to talk out your feelings, sort out confusion and develop new perspectives with a member of the mental health staff. Social workers, clinical psychologists, and psychiatrists are available for short-term, one-to-one consultations. They also provide group therapy, when appropriate, as well as couple and family therapy, very brief in-patient psychiatric care and 24 hour crisis-intervention. The main office is located in 127 Hills North.

Library

Main Library Information
Reference, Collections (545-0150)
Opening Hours, Book Renewals (545-2622)
Morrill Library (545-2674)
Music Library (545-2870)
Graduate Research Center Library (545-1370)

The library system consists of the main library, located in the center of the campus, and three branches: Biological Sciences in Morrill Science Center; the Music Library in the Fine Arts Center; and Physical Sciences in the Graduate Research Center. A current I.D. card serves as a library card.

Legal Services for Students

922 Campus Center (545-1995)

Legal Services offers free legal counseling and/or representation in courts within 30 miles of Amherst. Including a wide variety of matters in landlord tenant disputes, consumer problems, family matters, and educational law problems. Legal Services does not provide assistance for any profit-orientated matter such as real estate, wills, etc. All students paying the Student Activities Tax Fund Fee are eligible for this service. Students enrolled in the Summer Session only may obtain advice and counseling but not representation. Please call to make an appointment.

Off-Campus Housing Office

Munson Hall Basement (545-0865, 545-0145)

The Housing Office provides a referral service which maintains lists of apartment complexes, apartments (furnished and unfurnished), and houses available for renting. Also provided is advice on housing and leasing.

University of Massachusetts Student Federal Credit Union

Colonial Lounge, Student Union Building (545-2800)

The Credit Union is volunteer student run, and owned by its members. It offers savings accounts, check cashing, money orders, travelers checks, low interest loans, and is a purchasing agent for food stamps. The Credit Union offers the lowest student loan rate in the state. Membership is open to all students, including visiting summer students as long as they have a valid Summer Session I.D. Membership is good for life. All accounts are insured in full by the Federal Government. We have 3,400 members with assets of $500,000. This is the largest student run Credit Union in the country, and all are welcome to apply.

New Africa House

Central Residence Area (545-2751)

The New Africa House provides support for Third World students and a place for them to meet. New Africa House sponsors a black repertory theater, a dance theater, a choral group called Voices of New Africa, and *Drum*, a literary magazine.

Ombudsman

Robert R. Wellman
819 Campus Center (545-0867)

The Ombudsman's Office is the place to go when all else fails. The office helps cut through bureaucratic red tape in an effort to solve unsolvable problems. This service is open to all University students, faculty and staff.

Department of Public Safety

Director: Gerald T. O'Neil
Dickinson Hall (545-3111 emergency, 545-2121 business)

The Department of Public Safety contains the University Police, the Security Guard Force and the University of Massachusetts Police Training Institute. The Department works in conjunction with federal, state, and local law enforcement agencies to provide high quality law enforcement. The Department also maintains crime prevention programs and sensitive crime units.

In accordance with the provisions of the Code of Student Conduct, student I.D. cards or other means of identification must be shown upon request to any properly identified member of the Department of Public Safety, to enable him or her to perform assigned duties.

The Department of Public Safety is located behind Thompson Tower and is staffed 24 hours a day.

Veterans Assistance and Counseling Services Office

Mobile Unit #4, (behind Thompson Hall) (545-1346)

VACS facilitates the flow of paper work required to obtain educational benefits for veterans, war orphans, and dependents of veterans.

Applicants are required to present proof of registration at the time of enrollment in order to receive benefits. If already receiving benefits, applicants must re-enroll for Summer Sessions.

The Veterans Office provides personal, academic and financial aid counseling; part-time employment; short-term loans; and programs for disabled veterans. In addition, the office also provides information for state and federal benefits.

Certain veterans may be eligible for partial tuition waivers, for more information please provide VACS with a copy of your DD214. In order to receive G.I. Bill benefits for classes taken, an individual must be in a degree program. Persons requiring assistance may call 545-1346

Professional Development

OFFERINGS FOR SUMMER 1980

REAL ESTATE
Real Estate Principles
Amherst, Fitchburg, Pittsfield, Springfield
Appraising Residential Properties
Amherst, Fitchburg, Pittsfield, Springfiled
Landscaping
Windmills: An Energy Source

ONE-DAY SEMINARS IN REAL ESTATE
Borrowing Money for Real Estate Projects
Real Estate Investments Return on Investment
Remodeling Your Own Home

BUSINESS MANAGEMENT SHORT COURSES
Cash Management
What Managers Do
Computer Basics
Financial Accounting For Managers
Small Business: Careers For Women

RADIO PROGRAMMING & PRODUCTION
Techniques of Broadcasting Speech

FOR FURTHER INFORMATION
CALL OR WRITE:

PROFESSIONAL DEVELOPMENT PROGRAMS
Division of Continuing Education
104 Hasbrouck Lab, University of Massachusetts
Amherst, MA 01003 (413) 549 - 4970 ext 138

AMHERST

Course Descriptions

There are two main summer sessions, each six weeks in duration. In the COURSE DESCRIPTION section which follows, the sessions are designated by the capital letters in parentheses following the course description. The first session is designated "F" and the second session is designated "S". Courses which do not conform to the standard calendar are designated "X" and exact dates and times are specified in the SCHEDULE OF CLASSES section of this catalog.

It is the students's responsibility to select courses with schedules that do not conflict.

Courses are listed in the following manner:

001-099	Non-Degree
100-199	Introductory lower division
200-299	Other lower division
300-399	Upper division, junior/senior
400-499	Upper division, senior
500-599	Combined graduate/undergraduate
600-699	Master's or first year graduate
700-899	Doctoral and advanced graduate
900-999	Post-terminal degree

All courses carry three credits unless otherwise indicated. In cases where the number of credit hours is variable, the student and the instructor must agree on the number of credits to be earned. The student must indicate the desired number of credits on the registration application.

Courses carry no prerequisite unless specified in the course description.

Courses which may be applied toward completion of University or College DISTRIBUTION REQUIREMENTS are designated by a capital letter, in parentheses, following the course title.

In the event that instructional costs cannot be met due to underenrollment, any course may be cancelled at the discretion of the Director of the Summer Session. Sections may be added or deleted according to enrollment demands. Instructors may be substituted without formal notification to students.

ACCOUNTING

ACCTG 221 Introduction to Accounting I
Preparation and uses of financial statements; the accounting process of recording, classifying, and interpreting business transactions. Conceptual problems include accounting for inventories, depreciation, and capital stock. A substantial time commitment required. (F, S)

ACCTG 222 Introduction to Accounting II
Continuation of ACCTG 221 with emphasis on managerial accounting and its relationship to the management of an organization. Basic managerial accounting skills, procedures, and techniques which are prerequisite to other SBA courses and to a management career in general. Prerequisite: ACCTG 221. (F, S)

ACCTG 321 Financial Reporting I
Intensive examination of fundamental concepts; review of current literature dealing with effects of alternative methods upon measurement of periodic income. Prerequisite: ACCTG 222. (F)

ACCTG 322 Financial Reporting II
Continuation of ACCTG 321 with emphasis on intermediate-level work in financial accounting practice and theory. Topics include: bonds, leases, pensions, statement of changes in financial position, and earnings per share. Prerequisite: ACCTG 321. (S)

ACCTG 331 Cost Accounting
Methods of cost analysis for job order, process, and standard cost systems; emphasis on cost control and interpretation. Prerequisite: ACCTG 222. (F)

ACCTG 371 Federal Taxes
Federal income tax law; emphasis on individual returns. Topics include determination of income, exemptions, deductions, and credits. Reading assignments, problems, and tax cases involving the use of tax forms. Prerequisite: ACCTG 221 or consent of instructor. (F)

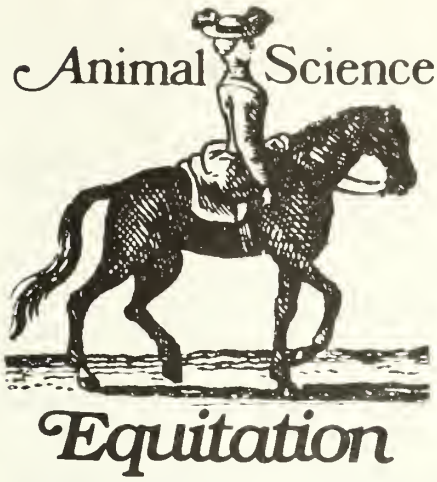
AFRO-AMERICAN STUDIES

AFRO-AM 131 African History II (C)
Survey of African history from the period of the imposition of European imperialism and colonialism to the present (1800s-1970s). Particular attention to the social, economic, political, and ideological characteristics of colonialism and the variety of African reactions and resistance. Discussion of such themes as imperialism, African nationalism/liberation struggles, independence movements, Pan-Africanism, and neocolonialism. (F)

AFRO-AM 152 Black Rhetoric (B)
A written and verbal analysis of representative pieces of Black oratory, ranging from early speeches in the Negro Congresses of the 19th century to the speeches of such contemporary figures as Dr. M. L. King, Jr., Malcolm X, and Stokely Carmichael. Emphasis on defining established patterns of style and form and developing an ear and appreciation for rhetorical devices. Prerequisite: Introductory Rhetoric. (F)

AFRO-AM 212 Sculpture: Sheet Metal
Introduction to forms and techniques of African masters and Afro-American adaptations in metal sculpture. Attention to aesthetic and conceptual problems. Work primarily in brass, copper, and steel. (F)

AFRO-AM 252 Black Images in American Writings (C)
Depictions of Africans and Afro-Americans in major literary works of the Western world, how ethnocentric myths, religion, philosophy, science, and pseudo-sciences informed Western literature and put white over black by the 20th century. Prerequisite: course in Western literature/civilization; survey of British/American literature helpful. (F)



ANIMAL SCIENCE

AN SCI 150 Beginner Equitation I
For those with no previous riding experience or formal instruction. Grooming, bridling, and saddling; the walk, trot (sitting and rising), diagonals, and the beginning canter. Assigned readings and papers. Credit: 1. (F, S) *Additional equitation fee.*

AN SCI 151 Beginner Equitation II
Continuation of AN SCI 150. Work without stirrups. The canter more fully developed along with elementary jumping. Basic riding theory introduced. Prerequisite: AN SCI 150 or consent of instructor. Credit: 1. (F, S) *Additional equitation fee.*

AN SCI 152 Intermediate Equitation I
Development of the balance seat positions at the walk, trot (sitting and rising), and canter, with and without stirrups. The jump position at the walk, trot, and canter over cavaletti. Circles, figure eights, transitions, and individual tests to develop control and precision. Prerequisite: consent of instructor and previous formal instruction. Credit:1. (F, S) *Additional equitation fee.*

AN SCI 153 Intermediate Equitation II
An extension of AN SCI 152 with the riders secure in their position at the walk, trot (sitting and rising), and canter over cavaletti with and without stirrups. Beginning dressage, cross-country, and stadium jumping. Prerequisite: Consent of instructor and previous formal instruction Credit: 1. (F, S) *Additional equitation fee.*

ANTHROPOLOGY

ANTH 102 Introduction to Archaeology (D)
Anthropological archaeology—the study of past human behavior and the cultural manifestations of that behavior. An outline of the main characteristics of human cultural evolution. Examination of archaeological data and the theories and methods that guide archaeological research. (F)

ANTH 103 Introduction to Physical Anthropology (E)
Biological and behavioral adaptations of primates; emphasis on human origins, evolution, and contemporary variation. Topics include contemporary primates, evolutionary biology, primate evolution, human adaptability, genetics and variation, race, biology, and the future of humankind. (S)

ANTH 104 Introduction to Cultural Anthropology (D)
Introduction to and development of the concerns, concepts, and methods of social-cultural anthropology. Topics include the nature of human cultural diversity; cultural ecology as it pertains to all types of societies; social and cultural change; evolutionary roots of social life; cultural relativity and social science ethics; and other anthropological problems and concerns. (F, S)

ANTH 577 Field School in Archaeology
Intensive introduction to prehistoric site survey strategy and techniques in the field, laboratory, and archives. Research strategy formulation, data compilation techniques, and archaeological resource evaluation skills are taught. Limit: 12 students. Prerequisites: ANTH 102 or equivalent and consent of instructor. Open for graduate and undergraduate credit. Credit: 6. (X)

ART

The prerequisites for the following Art courses apply to non-Art majors only. Art majors must conform to Art Department's standard prerequisites.

ART 100 Basic Drawing (C)
Drawing in black and white, applying pencil, crayon, charcoal techniques to representation in line and tone, emphasis on sound observation and effective presentation. (F)

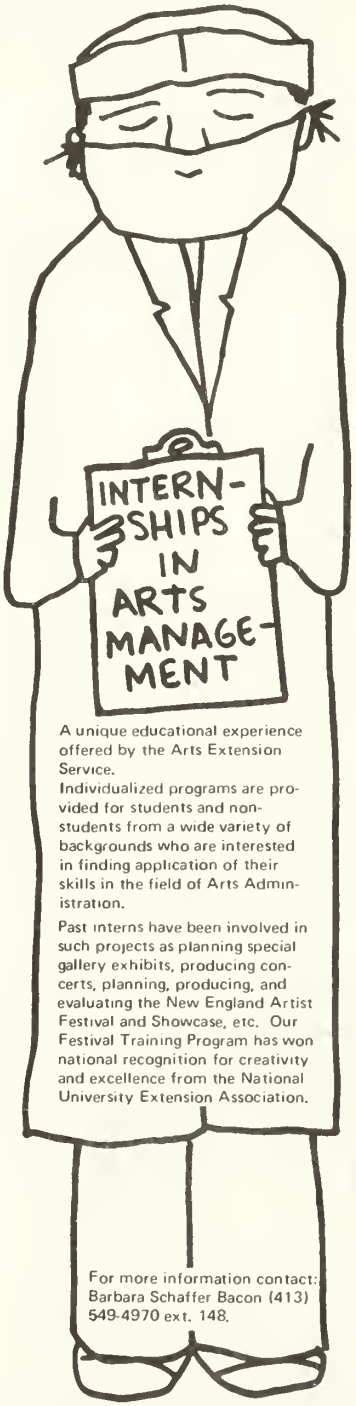
ART 101 Drawing Composition (C)
Continuation of ART 100. Emphasis on pictorial composition and advanced drawing techniques. Prerequisite: drawing class or consent of instructor. (S)

ART 102 Basic Design I (C)
Two-dimensional design concepts arising out of work with specific problems in a variety of media. (F)

ART 103 Basic Design II (C)
Continuation of ART 102. Specific three-dimensional problems stressing the interrelationship of materials, processes, techniques, and sculptural concepts. Prerequisite: Basic Design I or consent of instructor. (S)

ART 151 Architectural Drawing
Introductory studio course in the essentials of architectural drawing. Emphasis on drafting skills and the development of basic orthographic projection. Paraline drawings and various mechanical perspectives: the rudiments of shades and shadows and beginning freehand rendering. Individual attention emphasized. (S)

ART 201 Advanced Drawing
Investigation and development of various techniques and media with emphasis on figure drawing. Prerequisite: drawing class or consent of instructor. (F)

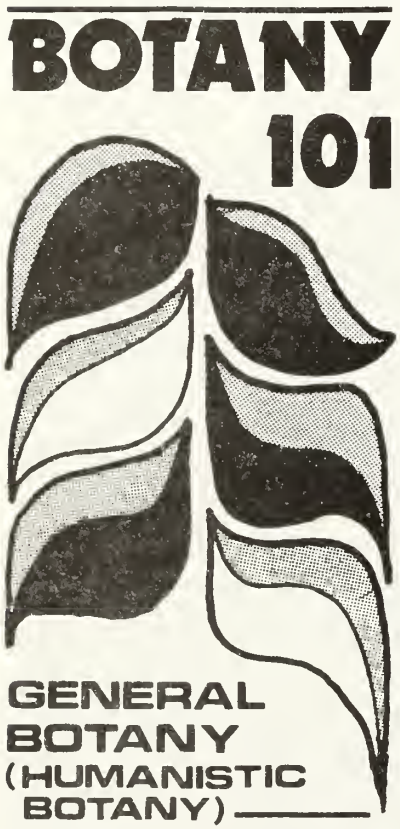


ART 230 Photography I
Lecture, discussion, lab work, readings, outside problems, critiques. Introduction to basic black and white photo skills, prints, developing of film, and proper use of darkroom and photographic equipment. Design and aesthetic appreciation. Portfolio at end of semester required. Must have adjustable 35 mm camera. (S)

ART 241 (C)/541 Printmaking: Intaglio I
Basic study of materials, techniques, and aesthetic consideration peculair to etching, engraving, and aquatint. Students print their own work. Not a core if taken for graduate credit. Prerequisite: drawing class or consent of instructor. (F)

ART 280 Ceramics I (C)
Involvement with form through the use of clay and related materials. Hand-building and work on the potter's wheel stress a creative, aesthetic approach; related ceramic history. (F)

ART 341/641 Printmaking: Intaglio II
Advanced study of materials, techniques, and aesthetic considerations relevant to etching, engraving, and aquatint. Students print their own work. Prerequisite: drawing class or consent of the instructor. (F)



ART HISTORY

ARTHIS 522 Modern Art, 1880 to Present (C)
Major artists and developments from post-Impresionalism to the present. Not for graduate credit. (S)

ARTHIS 526 American Art (C)
The earliest colonial art, the impact of later European influences, regional art of the 19th and 20th centuries, and contemporary development. Not for graduate credit. (F)

ASTRONOMY

ASTRON 100 Exploring the Universe (E)
The structure and evolution of the universe. The origin of stars, galaxies, and planets; how stars evolve, grow old and die; the nature of light and atoms; and how we can learn about stars and galaxies from the light they emit. The hope is that students will come to appreciate the real beauty found in astronomical objects and the intricacy and interrelatedness of the microscopic and macroscopic world. (F, S)

BIOCHEMISTRY

BIOCHM 420 Elementary Biochemistry (E)
Survey of the structure and function of biological molecules including carbohydrates, lipids, proteins, and nucleic acids. Emphasis on relation to other life sciences. Topics include metabolism, vitamins, membranes, and hormones. Prerequisite: CHEM 250 or CHEM 261. (F)

BIOCHM 421 Elementary Biochemistry Laboratory
The laboratory for BIOCHM 420. Experiments with the most common techniques of the biochemical lab. Quantitative measurement and calculation stressed. Major topics are pH measurement, buffers, spectrophotometry, titrations, chromatography, separation methods, and properties of enzymes. Lab directions provided. Prerequisite: CHEM 250 or CHEM 261. Credit: 1. (F)

BOTANY

BOTANY 101 General Botany (Humanistic Botany) (E)
Plants—their life cycles, structure, and function. Focus on interactions with other living organisms, including other plants, animals, and humans. Use of many examples from the local flora. (F)

BUSINESS ADMINISTRATION

BA 210 Introduction to Business Computers
The BASIC and FORTRAN computer programming languages. Emphasis on use of the business computer data processing and problem solving. (F, S)

BA 497 Business Policy and Strategy
Integrative case course. Identification and possible solution of practical problems encountered by general managers, responsible at various organizational levels, for formulating strategies and successfully implementing them. (S)

CHEMICAL ENGINEERING

CH E 225 Fundamentals
Chemical engineering principles and their application to chemical processes; concepts of pressure, temperature, volume, heat capacity, thermochemistry, and mass and energy balances. Prerequisites: CHEM 108, 112, or 114; PHYSIC 161. (F)

CH E 226 Chemical Engineering Thermodynamics
The fundamental principles of thermodynamics. First and second laws; properties of single component systems, thermodynamic cycles, and refrigeration. Prerequisites: CH E 225 and MATH 233. (S)

CHEMISTRY

CHEM 110 General Chemistry (E)
The fundamental chemical laws and theories. Single semester coverage of general chemistry meeting minimum prerequisite requirements of CHEM 250, but not of CHEM 227. No previous knowledge of chemistry required. Credit: 4. (S)

CHEM 111 General Chemistry–Science (E)
Lecture, lab. The first part of a two-semester sequence (111,112) covering the fundamental chemical laws and theories. For those planning to take advanced courses in chemistry. High school chemistry recommended but not required. Credit: 4. (F)

CHEM 112 General Chemistry—Science (E)
Lecture, lab. Continuation of CHEM 111. Prerequisite: CHEM 111 or equivalent. Credit: 4. (S)

CHEM 250 Organic Chemistry (E)
Single semester coverage of Organic chemistry. Concurrent enrollment in CHEM 252 required. Prerequisite: CHEM 110 or 112. (S)

CHEM 252 Organic Chemistry Laboratory
Laboratory applications for CHEM 250. Concurrent enrollment in CHEM 250 required. Credit: 1. (S)

CHEM 261 Organic Chemistry for Nonmajors (E)
The first part of a two-semester sequence (261,262). A survey of the principal classes of organic compounds and their reactions; emphasis on the relation between structure and reactivity. Concurrent enrollment in CHEM 263 required. Prerequisite: CHEM 112 or 114. (F)

CHEM 262 Organic Chemistry for Nonmajors (E)
Continuation of CHEM 261. Concurrent enrollment in CHEM 264 required. Prerequisite: CHEM 261 or equivalent. (S)

CHEM 263 Organic Lab for Nonmajors
The experimental techniques of organic chemistry. Concurrent enrollment in CHEM 261 required. Credit: 1. (F)

CHEM 264 Organic Lab for Nonmajors
Continuation of CHEM 263. Concurrent enrollment in CHEM 262 required. Prerequisite: CHEM 263 or equivalent. Credit: 1. (S)

CIVIL ENGINEERING

C E 240 Statics
Force systems, first and second moments. A vector treatment of the equilibrium of particles and rigid bodies. Topics include vector algebra, forces, moments, couples, equations of equilibrium, free-body diagrams, graphical techniques, constraints, structures and mechanisms, friction, centroids and moments of inertia, and the method of virtual work. Prerequisite: Integral Calculus. (F)

C E 241 Strength of Materials I
Simple and combined stresses and strains in tension, compression, and shear; torsion; stresses and deflections in beams. Notions of stress, strain, and Mohr's circle. Tension shear and torsion. Plane stress and plane strain; moments of inertia. Shear force and bending moment diagrams. Deflection of beams; indeterminate beams; Castigliano's principle; plastic bending of beams. Mechanical properties of materials. Prerequisite: M E 240. (F)

C E 342 Dynamics
Motions of particles and rigid bodies and force systems causing them. A vector treatment of dynamics. Kinematics of a particle in two and three dimensions. Dynamics of a particle: momentum, moment of momentum, and work-energy. Rigid bodies in plane motion; kinematics, and dynamics. Relative motion. Prerequisite: M E 240. (F)

CLASSICS

CLSICS 102 Roman Civilization (C)
Introduction to Roman literature, history, and archaeology; understanding the culture and people who created the most colorful, diverse, and widespread empire in the ancient world. (F)

CLSICS 224 Greek Mythology (C)
Introduction to mythology and Greek myths. The mythic mode, its attitude and outlook. A history of the interpretation of myth and applications of different interpretations to Greek myths. (F)

CLSICS 265 Greek Drama in Translation (C)
Thematic analysis of Greek tragedies and comedies; typal characterization; cultural, political, and social values as expressed in the plays. (S)

COMMUNICATION STUDIES

COMSTU 121 Introduction to Mass Communication (D)
The mass communication process. The development, structure, and function of the major mass media of communication: print (newspaper, magazine), telecommunication (broadcast radio, television, cable television). and film. All major media systems examined in terms of development, current status, issues and trends, product consumption, and effects. (S)

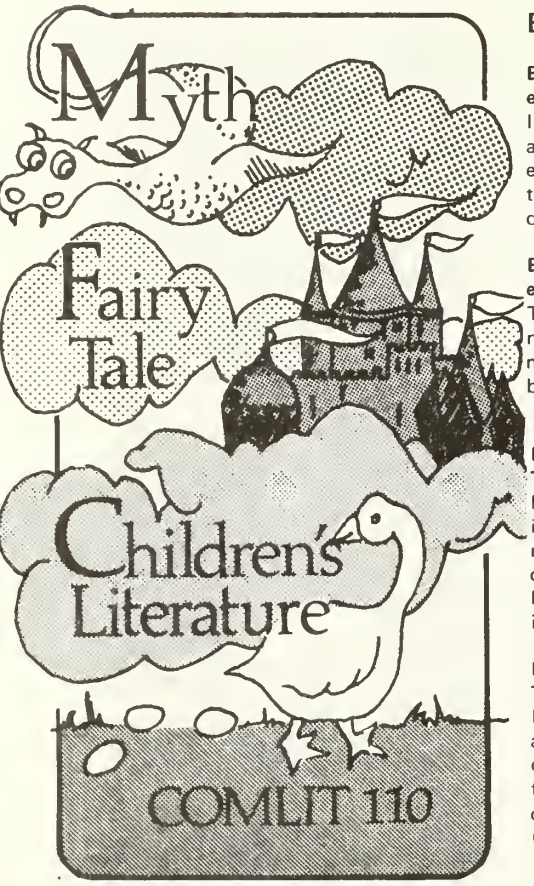
COMSTU 150 Process of Communication (D)
Introductory survey of the concepts and principles of face-to-face human communication. Theories and models of communication; context and communication; perception; verbal and nonverbal messages; basic communication processes; interpersonal, small group, public, and intercultural communication. (F)

COMSTU 240 Modes of Film Communication (C)
Introduction to the nature and the several functions of film. Narrative and nonnarrative approaches to film communication. Units include film as record, translation, original storytelling, social observation, persuasion, and self-expression. (S)

COMSTU 250 Interpersonal Communication (D)
Theoretical and practical understanding of interpersonal communication. Topics include communication as transaction, self-concept and interaction, person perception, trust and self-disclosure, verbal and nonverbal codes, roles, rules, relationships, and communication systems. (F, S)

COMSTU 331 Program Process in Television
Exposure to the intellectual and practical aspects of communication through the televised production process. Script and visual preparation; studio rehearsal and production; videotaping. Prerequisite: B average in COMSTU 221 and consent of instructor. Preference to COMSTU majors. Limited enrollment. (F)

COMSTU 575 Directing the Forensic Program
Communication education: (1) methods that can be employed in coaching forensic activities, (2) the administrative techniques of managing a forensic program, (3) the practical application of concepts of argument, and (4) several current issues of concern about forensic education. Prerequisite: some course work or experience in argumentation/forensics, and prior debate experience. (X)



COMSTU 791C Seminar: Mass Communications -Mass Media and the Classroom
Evaluation of the nature, trends, and effects of television and other mass media in relation to the educational process and institutions. Experimentation and exposure to practical aspects of the media and their use in education. Emphasis on student needs and interests. Workshop/laboratory approach. Consent of instructor required. (X)

COMSTU 792A Seminar: Mass Communications–Television and Children
Investigation of prosocial and antisocial effects of television on children of various ages; intervention strategies parents and teachers may employ to counteract potentially harmful media effects. Examination of production agencies that use television to assist in the education and socialization of children. Consent of instructor required. (X)

COMPARATIVE LITERATURE

COMLIT 110 Myth, Fairy Tale, and Children's Literature (C)
Literature as one of the modes of cultural expression. Some basic myths and folk tales and their use in classics of children's literature. Social, psychological, and literary approaches. Readings include classical and Norse myths; Aesop; Grimm; Hans C. Anderson. (F)

ECONOMICS

ECON 103 Introduction to Microeconomics (D)
Introductory analysis of resource allocation and income distribution through microeconomic theory. Specific problems illustrate the use of the theoretical precepts developed. (F)

ECON 104 Introduction to Macroeconomics (D)
Theory of the behavior of the American economy.Emphasis on the goals of full employment, price stability, economic growth, and balance of payments equilibrium. (S)

ECON 203 Intermediate Microeconomics Theory (D)
Microeconomic analysis of consumers, firms, industries, and markets; rational decision making under conditions of certainty; balancing forces in a free enterprise economy. Prerequisite: ECON 103, or consent of instructor. (F)

ECON 204 Intermediate Macroeconomics Theory (D)
Formulation and empirical testing of static and dynamic theories of aggregative income, employment, and prices with reference to fluctuations, growth, and economic forecasting. Prerequisites: ECON 103 and 104. (S)

EDUCATION

DIVISION OF HUMAN SERVICES AND APPLIED BEHAVIORAL SCIENCE

EDUC H 390G Etiology of Severe Handicapped
The primary objective of this course is to introduce undergraduate students in Special Education to the causes of handicapping conditions most frequently observed in childhood. Emphasis will be on the more severe handicaps and conditions likely to affect educational needs. Students will be expected to read weekly articles and chapters as assigned, and to complete a term project. The project will enable each student to pursue in greater detail the etiological factors related to a handicapping condition which they are likely to see in a special education classroom. A take-home examination will be required at the conclusion of the course. (X)

EDUC H 391G Seminar: Education of the Handicapped
The objective of this course is to consider the needs and issues surrounding the planning of effective service programs for severely and profoundly handicapped people. A wide range of professional problems and methodologies will be considered for their potential contribution to the lives of handicapped people. (X)

EDUC H 391H Seminar: Education of the Hearing Impaired Child
This course provides an overview of deafness for students who might be considering working with the hearing impaired in any one of the following capacities: teacher, audiologist, speech and language pathologist, media, counseling, learning disabilities. (X)

EDUC H 570 Principles of School Guidance
The nature of, and need for, guidance in the schools; overview of an adequate guidance service for a school system. (X)

EDUC H 605 Theories of Counseling
Counseling theory and research evaluation. Methodology, philosophies, ethics, problems, and issues of school counseling. (X)

EDUC H 609 Group Activities in Counseling
A guidance study of school groups. Group dynamics, discussion techniques, group counseling, sociometric methods, and other school group activities. Prerequisite: EDUC H 605. (X)

EDUC H 631 Laboratory for Counseling Skills
The general nature of theory construction; levels of explanation; relationships of philosophy, psychology, and sociology; and various methods of facilitating human growth and development. (X)

EDUC H 692H Seminar: Sensorimotor Domain of the Severe Special Needs Child
The need for educators to be prepared and adequately trained to integrate the severe special needs child into the educational classroom as mandated by Public Law 94-142 and Chapter 766. A thorough knowledge of sensorimotor development as it impacts upon cognitive development. (X)

EDUC H 692I Seminar: Directed Research in Special Education (Master's Thesis)
This course is designed to provide M.Ed. candidates in the special education program with knowledge about the form and content of research strategies in special education and support for their Master's Thesis. The course will have at its core, individual advising in the development and writing of the Master's Thesis which is a requirement of the Special Education Program. In addition to the individual advising, larger classroom seminar sessions will be held to discuss general issues related to writing research/academic papers. (X)

EDUC H 692J Seminar: Program Development and Evaluation in Special Education
The course is designed to provide teachers with skills to develop and evaluate special education programs in the public schools. Grant writing and the obtaining of external funding will also be covered. Prerequisite: Graduate level course. (X)

EDUC H 747 Family Counseling
Basic approaches to family counseling including communications and psychoanalytical and behavioral theories. (X)

DIVISION OF INSTRUCTIONAL LEADERSHIP

EDUC I 509 Methods in Secondary English
Lecture, discussion. Purposes, problems, issues, methods, and materials in the teaching of English at the secondary level. Case studies, projects. Prerequisite for student teaching in English. Readings differ from year to year. Final exam, papers, journal. $2 lab fee. (X)

EDUC I 533 Teaching English as a Second Language: A Methods Approach
For teachers of those who speak a language other than English. The development of a teaching philosophy; basic contrastive linguistics; basic speech science; the influence of culture (sociolinguistics); and instructional methodology. Prerequisite: instructor's approval. (X)

EDUC I 548 Workshop: Educational and Institutional Racism
Individual and institutional racism; emphasis on definitions, identifying evidence of racism in institutional and individual behavior, and developing skill in combating both types. (X)

EDUC I 591L Seminar: Racism, Sexism, and Internalized Oppression: The Participation of Women in the Academic Community
Examination of issues affecting the participation of women in the academic community, including racism, sexism, and internalized oppression. Participants become familiar with the research in this field, and develop in-depth knowledge of selected issues. (X)

EDUC I 690J Foundations of Bilingual/Bicultural Education
History of international/national bilingual education; governmental policy and its implications for bilingual education; utilization of human resources within a state community to affect legislative bilingual/bicultural education. For active teachers and current or former graduate students. (X)

EDUC I 690V Instructional Strategies
In-depth study of three selected modes of instruction, their rationale and adaptation to the classroom setting. Emphasis on comparison with present practice, advantages and disadvantages. (X)

EDUC I 690W Resource and Material Development
The process of curriculum development and the practical problems faced by teachers at the classroom level. How curriculum relates to modern goals of education, of the subject area, and of the students and communities. Students either do an intense survey of the literature related to a curriculum strategy or design an original curriculum strategy for implementation into the classroom. Prerequisite: certification and/or teaching experience. (X)

EDUC I 710 Seminar in Mathematics Education
Examination of recent developments in elementary mathematics education and their implications for exploring mathematics in the school. A wide range of topics in teaching/learning mathematics, including: diagnostic and prescriptive methods; teaching to children with special needs; the use of physical materials; the use of the computer and the BASIC language; and the use of the hand-held calculator. (X)

EDUC I 791G Seminar: Teaching Writing in the Elementary School
Methods, materials, diagnostic procedures, and evaluation of writing in the elementary school. Discussion of mechanics and expressive elements. Prerequisite: teaching experience. (X)

EDUC I 791K Seminar: Teaching Reading to the Gifted
How to most effectively teach reading to the gifted student. Methods and materials emphasized. Prerequisite: teaching experience. (X)

DIVISION OF EDUCATIONAL POLICY, RESEARCH, AND ADMINISTRATION

EDUC P 544 Education for Death and Dying
Lecture, discussion. Aims, methods, materials and strategies for elementary-secondary teaching about aging, death and dying. Readings: Death and Dying Education, Ulin; On Death and Dying: The Final Stage of Growth, Kubler-Ross; Facing Death, Kavanaugh. Class attendance, field trips, class presentation, optional final. $3 lab fee for materials and films. (X)

EDUC P 551 Foundations of Education
Provides an overview of educational reform from 1900 to 1960. Examines recent efforts at reform and the ideas that generated them. Students clarify their own educational beliefs through the study of educational reform. Fulfills the philosophy of education requirement for students seeking certification. (F)

ELECTRICAL AND COMPUTER ENGINEERING

ECE 212 Systems Analysis II
Concepts relating to transfer functions; digital and analog solutions of system equations, time and frequency domain analysis techniques with use of the LaPlace transformation. Prerequisite: ECE 211. Credit: 4 (X)

ECE 302 Active Networks I
Active network theory, biasing, device models and linear equivalent circuits; multistage feedback, tuned and power amplifiers; power supplies, regulators and active switches. Prerequisite: ECE 211. (X)

ECE 410 Introduction to Digital and Computer Systems
An introduction to the theory of digital circuits and computer systems stressing general techniques for the analysis and synthesis of combinational and sequential logic systems. Prerequisite: sophomore standing. (X)

FUNDRAISING.....ORGANIZATIONAL DEVELOPMENT....GRANTSMANSHIP
.....budgeting and non-profit accounting ....
EVENTS PRODUCTION
MARKETING
ARTISTS.....
ARTS ADMINISTRATION
VOLUNTEERS
.....working with boards of directors.....
DEFINING GOALS & OBJECTIVES ..... community politics...
PROGRAMPLANNING.....LEADERSHIP DEVELOPMENT...
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(413) 549-4970 ext. 146

ENGLISH

ENGL 131 Society and Literature (C)
Examination of five or six novels plus a number of shorter texts. How these works were shaped by the cultural environment in which they were written, and how they present the relationship between the individual and his or her society. In particular examination of the fictional discussion of the influences of class, sex, race and nationality on people's lives. Readings from the works of the following authors: Swift, Austen, Gaskell, Dickens, Scott, Hawthorne, Twain, James, Woolf, Joyce, Faulkner, Waugh, Orwell, Achebe, Lessing, Morrison. Requirements: participation in class discussion; short papers (3 pages). (S)

ENGL 140 Reading Fiction (C)
Lecture, discussion. A close textual reading to discover how differing fictive structures affect our response, to explore the relationship between style and content, and particularly to examine the role of the narrator or narrators. Readings: We, Zanayatin; Interview with a Vampire, Rice; selected short stories from Poe, Flannery O'Connor, and others; selections from Cosmicomics, Calvino; The Turn of the Screw and selected short stories by James, and perhaps Dracula, Stoker. Class participation and 4 short papers. (F)

UNIVERSITY OF MASSACHUSETTS AT AMHERST

Summer High School DEBATE WORKSHOP

AUGUST 3 - AUGUST 17, 1980

DESIGNED FOR STUDENTS WHO WILL BE IN HIGH SCHOOL NEXT YEAR AND INTEND TO PARTICIPATE ON THEIR SCHOOL'S DEBATE TEAM.

STAFF: ✶ Several of the best debate coaches in the U.S.

FORMAT:
- ✶ Courses in argumentation theory, research, and debate skills.
- ✶ General sessions in cross-examination and topic analysis.
- ✶ Library assistance and individual tutoring on cases.
- ✶ Practice debates and a tournament for all students.

FOR FURTHER INFORMATION CONTACT:

Professor Ronald J. Malton
Director of Debate - Machmer Hall
Department of Communication Studies
University of Massachusetts
Amherst, MA 01003

ENGL 150 Expository Writing
Class and/or tutorial. Multiple sections. Training and practice in writing informative prose: reports, articles, essays. Recommended for freshmen, sophomores, and nonmajors. For those whose major department requires a semester of expository writing beyond the Rhetoric requirement. Prior semester of Rhetoric required. (F)

ENGL 162 Science Fiction and the Imagination (C)
Discussion, lecture. Examination of certain frequent themes and issues in science fiction--mythic, social, and philosophical. Emphasis on the diversity of approaches offered by SF, which often shakes our assumptions and remolds our preconceptions. Readings by such authors as LeGuin, Sturgeon, Lem, Borges, Vonnegut, Cordwainer Smith, and Olaf Stapledon. Class attendance important. (F)

ENGL 272 American Romanticism (C)
In addition to major American writers of the period 1800-1860 such as Irving, Poe, Thoreau, Hawthorne, Melville, and Whitman, readings include Twain's Huckleberry Finn, (1884), and Hart Crane's The Bridge (1930), a celebration of American land, life, and literature. (S)

ENGL 354A Creative Writing
Lecture, workshop. Elementary principles of composition in poetry and short fiction. Beginnings and endings, modes of unity, tension and resolution, and simplicity. Directed exercises in and out of class. Reading and discussion of published work and each other's work. By the end of the course, each student produces a short collection of poems or a short story. (F)

ENGL 354B Creative Writing
The course attempts to demystify the techniques of fiction and poetry through an examination of student work and professional pieces. Particular attention to setting, tone, dialogue, plotting techniques, and the use of metaphor. Readings: selected student pieces and works by modern and contemporary writers and poets. Students write in and out of class and complete at least four or five short assigned exercises and one longer piece by the end of the course, either a short story or a complete poem. Extensive rewriting encouraged. (S)

ENGL 891A Seminar: Yeats and the Influence of Spenser, Swift, Blake, and Others
Starting with Yeats' published comments on such authors as Spenser, Swift, Blake, Shelley, Landor, Tennyson, Morris, and Rossetti, students prepare seminar papers on Yeats' interest in one or more of these authors. Participants concentrate on Yeats and one other author (or in some cases two other authors), and are responsible for Yeats' poetry as well as his criticism. (S)

ENGL 891B Reading and Teaching Fiction
For graduate students and in-service teachers. The nature of "voice" in narratives; approaching narrative as a complex language of ideas, not a vehicle for (detachable) ideas. Our working assumption is that an attention to "voice"—to the experience of reading fiction and hearing it spoken to you inside your head—increases the pleasure of reading and of meaning. Readings include a book of short stories and several novels including Jane Eyre Wide Sargasso Sea, The Woman Warrior, and In Our Time. Students teach one hour of this class (a short story), and develop an extended analysis of this story from their experience of preparing and teaching it, as well as from later reflection and detached critical analysis. (F)

ENGL 891C Seminar: Dickens
The works and achievements of Charles Dickens. Two introductory sessions, the first dealing with Dickens' life and times, the second with Dickens' criticism and his critical reputation; thereafter, a chronological examination of selected works. Focus on particular aspects of Dickens' artistry (narrative, character, the use of setting), and on his preoccupation with London ("fog-bound and fever-haunted, brooding over its dark, mysterious river"), and the individual's relation to society. Frequent use of slides; also a research component centered on Dickens' journal, Household Words. Readings: Oliver Twist, American Notes, Bleak House, Great Expectations, and Selected Short Fiction, edited by D. Thomas. (all in Penguin paperbacks). (S)

ENGL 891D Seminar: Expository Writing
A limited number of participants will have the opportunity to work in a tutorial format with an instructor to improve their prose style. Students will write prior to meeting with the instructor who will scrutinize and criticize their work. This is a chance to work intensively with a skilled practitioner. (X)

FOOD SCIENCE & NUTRITION

FS & N 130 Nutrition and People (E)
Lecture, short question period at end of each lecture. The principles of the science of human nutrition as it is relevant to contemporary life. Students develop an informed appreciation of the relationship of health to food intake and become competent and confident in planning adequate diets for normal persons of various ages and under various stresses. (emphasis on college-age persons). Language accessible to students with little knowledge of chemistry or mammalian physiology. Readings: Principles of Nutrition, Wilson et. al., 4th ed. Three exams. Not for FS&N majors. (F)

FRENCH

FRENCH 126 Elementary Intensive
The acquistion of basic language skills. Learn by immediate correction and continual reinforcement. An alternative to the first year of the traditional four-semester sequence. Covers work normally done in one year; does not double the work. Credit: 6 (F)

FRENCH 146 Intermediate Intensive
The acquisition of basic language skills. Learn by immediate correction and continual reinforcement. An alternative to the second year of the traditional four-semester sequence. Covers work normally done in one year. (Undergraduates should note that the successful completion of this 126-146 sequence fulfills the language requirement.) Prerequisites: FRENCH 120, 126 or the successful completion of first-year college French. Credit: 6 (S)

GENERAL BUSINESS & FINANCE

GB FIN 301 Corporation Finance
Corporate financial behavior; appraisal of factors affecting decision making regarding sources and application of funds; introduction to capital budgeting and cost of capital problem. Prerequisite: ACCTG 221 or consent of instructor. (F,S)

GB FIN 303 Applied Business Statistics
Lecture. Statistics and their application to business. Prerequisite: MATH 140. (F)

GEOGRAPHY

GEOG 145 Physical Environment (E)
An introduction to physical aspects of geography. The interrelationships between climate, vegetation, soils, and landforms. (F)

GEOG 155 Introduction to Human Geography (D)
The spatial attributes of human societies; population, cultural characteristics, settlement, and economic activity. Selected regional case studies. (S)

GEOG 391A Seminar: Geography of Outdoor Recreation
Essentials of outdoor recreation from a geographic, human-land point of view. Basic concepts and research needs; factors and trends in the demand for recreation space; spatial patterns of the recreational resource base; user impact; resorts and tourist regions; recreational travel patterns; urban recreational land use; international tourism. (S)

GEOG 392A Seminar: Geography of Environmental Quality
Questions relating to the spatial nature of environmental quality including the basic nature of resources, problems of resource use, and the conservation of environmental quality. First, environmental quality on a global scale, then resource development and conservation in advanced countries such as Canada, Australia, and the United States. Case studies of the circumstances of selected developing nations may be introduced. (F)

ANNOUNCING . . .

UMass
Department of Journalism

1980 Summer Publishing Institute
July 7-25

- CREDIT COURSES
- WORKSHOPS
- SPECIAL EVENTS
- CAREER ADVISING

Institute Objective: to provide practical training in the skills and concerns of the rapidly expanding field of publishing.

Practical, career-oriented, "hands-on" training by skilled practitioners in EDITING, NEWS REPORTING, WRITING, PUBLIC RELATIONS, LAYOUT WORK, and more.

UNIVERSITY COURSES
M Tu W Th F
JULY 7-25

JS 200 News Writing and Reporting 9 - 12 noon
ENG 891D Expository Writing - Tutorial 12:15 - 3:15
JS 291 Editing Specialized Publications 7 - 10 pm

INSTITUTE WORKSHOPS
one week each 4 to 6 pm

Public Relations week of July 7
Basic Journalistic Layout week of July 14 (lab. fee extra)
Getting Published week of July 14
Magazine Editing week of July 21
OTHERS TO BE ANNOUNCED
All workshops $75 basic fee.

Registration for credit courses may be made via the regular Summer School procedure. A brochure with complete information and speical registration form is available from Humanities Programs, 101 Hasbrouck, Amherst, MA 01003 (413) 549-4970, ext. 110.

GERMAN

GERMAN 110 Elementary German
Language and culture. For either the major or non major interested in a four-skill approach (speaking, understanding, reading, and writing) to learning German. Emphasis on an introduction to the culture of German-speaking lands. (F)

GERMAN 120 Elementary German
Language and culture. For either the major or non major interested in a four-skill approach (speaking, understanding, reading, and writing) to learning German. Emphasis on an introduction to the culture of German-speaking lands. Prerequisite: GERMAN 110 (S)

GERMAN 190B Elementary German: Reading Approach in Business German
Features an introduction into the German language by reading simple and unedited texts dealing with the world of international business and through use of an introductory business German textbook. (F)

GERMAN 190C Elementary German: Reading Approach in Business German
Continuation of GERMAN 190B. Elementary level course in the German language featuring a reading approach to Business German. Through use of German materials, students will be introduced to the concepts and vocabulary of international business. (S)

GERMAN 232 Intermediate German
Intensive language course, second year. Equal emphasis on listening,comprehension, speaking, reading, and writing. Intensive reviews of German grammar. Readings and discussion (in German) of modern German fiction. For prospective German majors, honor students, and those interested in languages. Prerequisite: GERMAN 120 or equivalent. (F)

GERMAN 409 Graduate Reading Course in German
Prepares students for the Princeton Graduate School Foreign Language Test. No previous study of German assumed. Credit: 0 (F)

HISTORY

HIST 141 European History from 1815 to Present (C)
Survey of European history from the end of the Revolutionary and Napoleonic wars to the present. The political and economic revolutions which transformed European life and society—exploration of these changes through consideration of capitalism and socialism, liberalism and conservatism, and the rise of totalitarian ideologies. Attention to Europe's changing place in world politics. (S)

HIST 150 Development of American Civilization to 1876 (C)
Lecture, discussion. Period from 1600 to 1876. Emphasis not on names and dates, but on forces that shaped American history, such as the shortage of labor and the abundance of land, slavery, racism, capitalism, and "democracy." Five or six paperbacks, two exams, final (short paper may be substituted for one exam). (F)

HIST 150 Development of American Civilization to 1876 (C)
Lecture, discussion. Basic overview of developments in American history from the Age of Reconnaissance to the Age of Reconstruction; emphasis on intellectual, constitutional, and social developments. Generations of America plus selected paperbacks. Two hour-exams; lengthy term paper. (S)

HIST 151 Development of American Civilization Since 1876 (C)
Lecture, discussion. The major forces, events, and personalities of the last 100 years—the impact of the Industrial Revolution, national politics, imperial diplomacy, and war. Text, selected paperbacks. Midterm, quizzes, grade on discussion performance, final. (F)

HIST 151 Development of American Civilization Since 1876 (C)
Lecture, discussion. A general survey of American history since Reconstruction. Several paperbacks. Two hour-tests, final. (S)

HIST 282H Topics in European History: The Jewish Holocaust (C)
The annihiliation of 6 million Jews, carried out by the German state under Adolf Hitler during World War II, has resisted understanding. How could it have happened? How was it possible for a highly civilized modern state to carry out the systematic murder of a whole people for no reason other than they were Jews? How was it possible for a whole people to allow itself to be destroyed? Exploration of the causes, nature, and consequences of the greatest tragedy in modern history. (S)

HIST 316 (C)
HIST 597A History of Russia II
Lecture, occasional discussion. Survey of Russian history in the 19th and 20th centuries—the last century of the tsarist monarchy, the Russian Revolution of 1917, and the Communist regime of the Soviet Union. Themes: the problems and benefits of centralization, the peasant question, and the challenge of the West. Text: A History of Russia, Riasanovsky; several paperbacks. One or two hour-exams. May also be taken for graduate credit as HIST 597A. (F)

HIST 333 (C)
HIST 597C Medieval England
Lecture. English history from Roman times to the Tudor period. Roman Britain, Anglo-Saxon invasions, Norman Conquest, development of medieval monarch and rise of Parliament, and selected aspects of cultural history. Paperbacks (some primary materials, some fiction). Two hour-exams, final, optional paper. May also be taken for graduate credit as HIST 597C. (S)

HIST 373 (C)
HIST 597B American Thought and Culture II
Primarily lecture. A survey of American social-cultural-intellectual history from the post-Civil War period to the recent past. Exploration of developments in art, architecture, literature, philosophy, religion, as well as major social themes and trends. About 6 paperbacks. Midterm, and final. May also be taken for graduate credit as HIST 597B. (F)

ITALIAN

ITALIAN 126 Intensive Elementary Italian
The acquisition of basic language skills. Learn by means of immediate correction and continual reinforcement. An alternative to the first year of the traditional four-semester sequence. Covers work normally done in one year; does not double the work. Credit: 6. (F)

JOURNALISTIC STUDIES

JS 200 Introduction to News and Reporting Reporting
Introduction to the basic of gathering and writing the news. Laboratory format, with student reporting and writing under professional supervision and deadlines. (X)

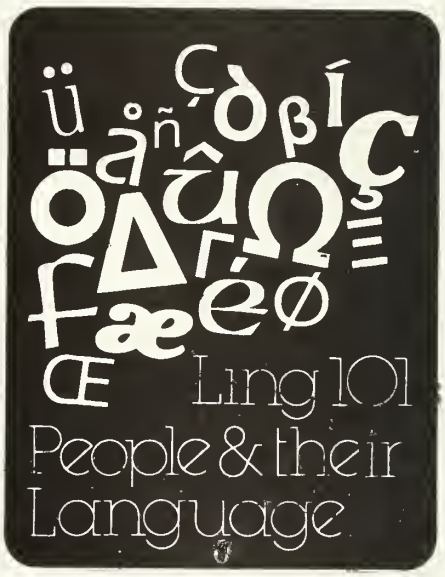
JS 291S Editing Specialized Publications
A case-study approach to editing informational publications. Editing and rewriting actual texts, from rough submissions to final galleys. Problems explored include: heavy v. light editing (not to be confused with crude v. sensitive editing); editing to save the author's ego while killing the author's bias; editing or rewriting the same material for different publics; and editing for children. Among the basic editing skills emphasized are: the grammar and punctuation of copy editing; house styles and manuals; sources, resources, and reference works; and graphics and layout as they affect editors. Prerequisite: some experience in editing/writing. (X)

LATIN

LATIN 110A Intensive Elementary Latin
The basic aspects of Latin grammar; an introduction to Roman culture through reading. Particularly beneficial to those preparing for GRE exams, law entrance exams, and others. For nonmajors; majors are directed to LATIN 110 (Honors). Credit: 5 (F)

LATIN 140A Intensive Intermediate Latin
A continuation of LATIN 110 in First Session of summer school. Reading of classical Latin authors; grammatical review. Fulfills the foreign language requirement. Prerequisite: LATIN 110 or equivalent. Credit: 5 (S)

LATIN 140C Intensive Intermediate Latin: (Cambridge III & IV)
Survey of classical Latin word-forms and constructions; simple readings in classical Latin prose and verse; background of readings from Pliny, Tacitus, Catullus, and Ovid. Fulfills the University language requirement. Prerequisites: grade of B or A in LATIN 125 or LATIN 110C; or score of 80% in department's LATIN 135-140C Placement Test. Recommended for slow language learners. Credit: 5 (F)



LINGUISTICS

LING 101 People and Their Language (C)
For those fascinated with human language; not only for linguists. To dispel some of the myths about language, we ask such questions as: What is language? Why are there so many human languages? How and why do languages change? How do children learn language? Topics also include a look onto other communication systems: Do all primates communicate the same way? How do birds know their songs? Can machines talk? An inquiry into the notion of linguistic theory and a close look at our individual ideas on language. (F)

MANAGEMENT

MGT 301 Principles of Management
The fundamentals of the management of organizations, including: behavioral background of formal organizational life, organizational deisgn, integrating factors in collective behavior, organizational change, systems analysis, techniques of decision making and control, the organization and its environment, and the nature of management theory. (F, S)

MGT 314 Personnel Management
Management of human resources in large organizations; tools in addressing "people problems" in all organizations. Systems perspective on management; issues of motivation, leadership, organization climate, compensation, performance appraisal, job analysis; system issues such as organization justice, grievances, disputes, conflict; labor relations and the impact of the labor movement. Prior completion of MGT 301 preferred but not required. (F)

MGT 330 Managerial Behavior
Principles of human behavior in organizations; understanding of one's self as a person and as a manager; development of interpersonal managerial skills. Prerequisite: MGT 301. (F)

MGT 331 Administrative Theory
Principles of administration, modern organization theories, specialization, functionalization, coordination, planning and control, authority status, leadership, decision making, communication, and power structuring. Prerequisites: MGT 301, 330. (S)

MGT 347 Production Management I
Basic principles. Use of statistical, mathematical, and simulation methods in production or operations. Prerequisites: MGT 301 and completion of SBA math/stat sequence. (S)

MGT 365 Business and Its Environment
Critical examination of the social, political, technological, and ethical issues confronting the comtemporary manager and the modern corporation. Competing concepts of the role of business in society. Prerequisite: junior standing or consent of instructor. (S)

MARKETING

MKTG 301 Fundamentals of Marketing
Introduction to marketing; survey of topic areas relevant to comprehensive study of marketing. Emphasis on describing the marketing process and the implications of these activities for society. Prerequisites: ECON 103, 104. (F, S)

MKTG 422 Marketing Communications
Development of effective marketing communication strategies based upon an understanding of the characteristics of audiences. Conceptual material from communications theory applied to advertising and other promotional problems. Prerequisite: MKTG 301, or consent of instructor. (S)

MATHEMATICS

MATH 104 Algebra, Analytic Geometry, and Trigonometry
Review of manipulative algebra, an introduction to functions, some analytic geometry, and essential trigonometry. Prerequisite: MATH 011 or equivalent. (X)

MATH 120 Mathematics for Business I (E)
Differential calculus, some integral calculus, and applications of calculus to business. Prerequisite: good working knowledge of high school algebra. (F)

MATH 121 Mathematics for Business II (E)
Continuation of MATH 120. Topics include exponential equations, functions of several variables, linear equations and inequalities, linear programming, matrices, Markov chains. Readings: Calculus for the Social Sciences, Goodman; Applied Finite Mathematics, Anton, Kolman. Prerequisties: MATH 120, a working knowledge of linear algebra, and an introduction to the calculus up through the derivative of a polynomial function. (F, S)

MATH 127 Calculus for the Life and Social Sciences I (E)
Basic calculus with emphasis on use and applications. Algebra review, graphing, the derivative, techniques of differentiation, the classical applications of the elementary differential calculus, introduction to integration. Readings: The Brief Calculus, Schockley, 2nd ed.; class notes. Prerequisite: high school algebra. (F)

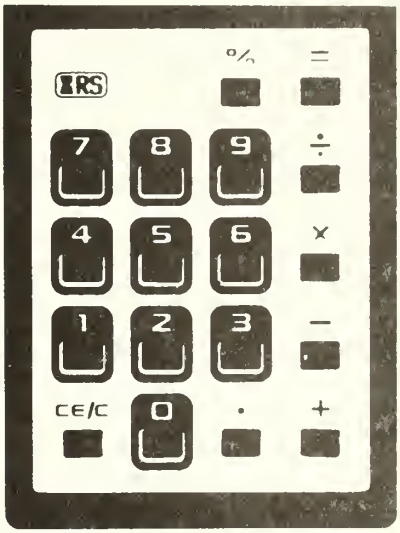
MATH 128 Calculus for the Life and Social Sciences II (E)
Continuation of MATH 127. Reading: The Brief Calculus, Schockley, 2nd ed. Prerequisite: MATH 127. (S)

MATH 131 Calculus I (E)
Develop skill in elementary techniques of differentiation and integration. Reading: Calculus with Analytic Geometry, Swokowski. Prerequisites: high school algebra, plane geometry, trigonometry, analytic geometry. Credit: 4 (X)

MATH 132 Calculus II (E)
Additional techniques of integration: transcendental functions and series. Text: Calculus with Analytic Geometry, Swokowski. Prerequisite: MATH 131 or equivalent. Credit: 4. (X)

MATH 233 Multivariable Calculus (E)
Techniques of calculus in two and three dimensions—vectors, partial derivatives, multiple integrals, line integrals. Text: Calculus with Analytic Geometry, Swolowski. Prerequisite: MATH 132 or equivalent. (X)

MATH 235 Introduction to Linear Algebra (E)
Basic concepts of linear algebra, the manipulations in linear algebra, basic theory. Text: Elementary Linear Algebra, Anton, 2nd ed. (tentative). Second semester calculus must be taken concurrently. (X)



MATH 236 Introduction to Linear Algebra with APL Lab (E)
Basic concepts in linear algebra. Enough APL to write programs which will solve systems of linear equations. Topics include those normally covered in MATH 235 with special effort to cover eigenvalues. Readings: Elementary Linear Algebra, Anton; APL, An Interactive Approach, Gilman, Rose. Second semester calculus must be taken concurrently. Credit: 4. (X)

MATH 411 Introduction to Modern Algebra I (E)
Introduction to groups, rings, and fields. Text: A First Undergraduate Course in Abstract Algebra, Hillman, Alexanderson. Prerequisite: MATH 235. (X)

MATH 431 Ordinary Differential Equations to Scientists and Engineers (E)
Introduction to ordinary differential equations for students in physics, chemistry, engineering, applied math, computer science, and life sciences. Topics: first order equations, linear equations, Laplace transforms, numerical methods, systems of equations.(X)

MECHANICAL ENGINEERING

ME 210 Mechanics I (Statics)
A vector treatment of the equilibrium of particles and rigid bodies. Topics include: vector algebra, forces, moments, couples, equations of equilibrium, free-body diagrams, graphical techniques, constraints, structures and mechanisms, friction, centroids and moments of inertia, the method of virtual work. Prerequisites: MATH 132, PHYSIC 161. (F)

ME 211 Mechanics II (Strength of Materials I)
Notions of stress, strain, and Mohr's circle. Tension shear and torsion. Plane stress and plane strain; moments of inertia. Shear force and bending moment diagrams. Deflection of beams; indeterminate beams; Castigliano's principle; plastic bending of beams. Mechanical properties of materials. Prerequisite: M E 210. (F)

M E 230 Thermodynamics I
The laws of thermodynamics introduced and applied to various energy-transforming devices. Property relations. Emphasis on the science of thermodynamics; provides a background for further study in those areas that involve thermodynamic principles. Prerequisites: MATH 132, PHYSIC 161. (F)

ME 310 Mechanics III (Dynamics)
A vector treatment of dynamics. Kinematics of a particle in two and three-dimensions. Dynamics of a particle; momentum, moment of momentum, and work-energy. Rigid bodies in plane motion, kinematics, and dynamics. Relative motion. Prerequisite: M E 210. (F)

MUSIC

MUSIC 100 Appreciation-Introduction (C)
Basic elements and musical forms. Survey of musical styles. (F)

MUSIC 113 Elementary Music Theory (C)
Notation, harmony, counterpoint, analysis (by score and sound) of music literature from all periods. Prerequisite: MUSIC 112. (F)

MUSIC 595A Seminar: Music Theater in Music Education
The public school music teacher's role in musical theater production. Selection of music, musicians, casting, technical theater. Prerequisite: Bachelor of Music Education degree. (X)

MUSIC 613 Music Literature 1890-Present
Analysis of selected 20th-century styles with emphasis on electronic music. Prerequisite: Bachelor of Music degree. (X)

PHILOSOPHY

PHIL 100 Introduction to Philosophy (C)
Selected classic and contemporary readings on freedom and determinism, the mind-body problem, and the existence of God. (F)

PHIL 110 Introduction to Logic (E)
Lectures and problem sessions. Introduction to the nature and scope of modern deductive logic with applications to philosophy, mathematics, science, and religion. (F)

PHYSICAL EDUCATION

PE 100 G01 Intermediate Swimming
Emphasis on mechanics of strokes and endurance swimming. Prerequisite: Beginning Swim or equivalent. Credit: 1 (F, S)

PE 100 G05 Water Safety Instruction
Must have current ALS. Red Cross Certified. Credit: 2. (F, S)

PE 100 G16 Jogging and Conditioning
A progressive, individualized program for the development of cardiovascular endurance and general physiological well being. Credit: 1. (F, S)

PE 100 G17 Conditioning and Weight Training
Progressive, individualized program for the development of general physiological well being and the building of strength in specific muscle groups. Credit: 1. (F, S)

PE 100 G21 Jogging and Self-Awareness
A holistic approach to jogging. Relaxation, visualization, meditation, and values-clarification techniques to enhance self-awareness and increase the enjoyment of running in a supportive and non competitive environment. Credit: 1 (F, S)

PE 100 G37 Karate: Tae Kwon Do
Introduction to the basics of the discipline including stretching and conditioning and self-defense techniques for both men and women. Credit: 1 (F)

PE 100 G44 Iyengar Yoga
A system of postures, breathing exercises, and mental awareness, all geared toward the improvement and well being of the body. Credit: 1. (F, S)

PE 100 G58 Fencing I
Basic attacks, parries, and simple bouting with further development of skills possible. Credit: 1. (F, S)

PE 100 G66 Tennis I
An introduction to the basic strokes, scoring, and simple strategy in singles and doubles play. Students supply their own racquet and balls. Credit: 1. (F, S)

PE 100 G67 Tennis II
Development of skills. Singles and doubles tournament play. Students supply their own racquet and balls. Prerequisite: Tennis I. Credit: 1. (F, S)

PE 100 G71 Racquetball
Basic instruction in racquetball. Students supply their own racquet and balls. Credit: 1. (F, S)

PHYSICS

PHYSIC 119 Physics Applied to Contemporary Problems (E)
A survey of contemporary developments in global arms policy in the nuclear era. Two main topics: the scientific and technical basis of modern weapons and strategic doctrine; and the development of arms policy since World War II focusing upon an analysis of several specific issues arising during the evolution of the policy. The political and economic implications of past and present policies with particular attention to factors affecting decision making. Possible alternative solutions to the problems of national security. (F, S)

PHYSIC 141 Physics/Life Science Majors I (E)
Lecture, demonstration, discussion, lab. The basic physical laws governing mechanics, heat, and sound, with examples and applications from the biological sciences. Recommended introductory course for majors in the biological sciences and related areas. Text: Physics, Kane, Sternheim. High school mathematics required. Credit: 4. (F)

PHYSIC 142 Physics/Life Science Majors II (E)
Lecture, discussion, lab. Basic principles of physics illustrated by examples and demonstrations from the biological sciences. Topics include electricity, magnetism, radiation, optics, and atomic structure of matter. Text: Physics, Kane, Sternheim. prerequisite: PHYSIC 141 or equivalent. Credit: 4 (S)

PLANT AND SOIL SCIENCES

PLSOIL 120 Organic Farming and Gardening (E)
Lecture. Introduction to principles of soil fertility and crop management by organic procedures which are contrasted and evaluated against conventional methods of farming. A science course. Quizzes, final exam, lab reports. (X)

PLSOIL 697A Special Topics: Soil Mapping and Classifying
Modern soil survey and taxonomic techniques. Emphasis on gaining field experience. Background information provided through a series of lectures supplemented by laboratory exercises. Students spend an increasing amount of time in the field describing, classifying, and mapping soils. A number of field trips in the immediate Amherst area and a three-day soils-study trip throughout Massachusetts. Prerequisite: PLSOIL 105 or equivalent. (F)

POLITICAL SCIENCE

POLSCI 101 American Politics (D)
Introduction to constitutional principles and policy making in American national government. Discussion of democratic theory, major national political institutions, and selected public policy questions. (S)

POLSCI 141 Political Misbehavior (D)
Study of political corruption historically (in United States) and comparatively. Topics include Watergate, big-city machine, and the Central Intelligence Agency. (F)

POLSCI 255 American Foreign Policy (D)
Lecture, discussion, Introduction to ideas, structure, and process involved in the making of United States foreign policy. American interests in, and policies toward, various parts of the globe. Critical analysis; available alternatives. (S)

POLSCI 302 American Presidency (D)
The new issues and problems, and their origins, that are to be encountered by the presidency in the 1980s. What will be the presidential response to the crises of the next decade? (S)

POLSCI 374 Issues in Contemporary Political Theory (D)
Liberalism and radicalism: selected works by political thinkers in the liberal and radical traditions of politics. Comparison and analysis of the central principles of the thinkers considered. The major question is whether liberalism and a radical approach to politics are as opposed as is commonly understood, or does liberalism share many of the premises made by radical theorists, and, in certain respects, is it not more radical than many radical political theories? (F)

PROFESSIONAL PREPARATION IN PHYSICAL EDUCATION

PEP 497A Special Topics: The Prevention and Care of Athletic Injuries in High School Level
The basic principles of athletic injury care; for present and future high school teachers and coaches. Each session combines lecture and lab work, and develops knowledge and skills in the prevention of athletic injuries, recognition of injuries, and immediate and follow-up care. Prerequisite: a thorough knowledge of human anatomy and physiology. (X)

PSYCHOLOGY

PSYCH 100A, B Elementary Psychology (D)
Introduction to the basic approaches and concepts of modern psychology. Examples from the areas of perception, conditioning, cognitive processes, social behavior, tests and measurements, and personality. (F, S)

PSYCH 110 Psychology as a Natural Science (D)
Introduction to psychology including those fields concerned with a natural science approach to the study of behavior. Emphasis on the scientific method, biological determinants and basis of sensation, perception and learning, comparative and evolutionary perspectives on behavior, and the role of early experience and language in human behavior. (F)

PSYCH 150 Psychology as a Social Science (D)
Introduction to the basic approaches and concepts of psychology as a social science. Topics include issues from clinical, developmental, educational, human learning and language, personality, and social psychology. (S)

Plant and Soil Science

PSYCH 205 Educational Psychology (D)
Psychological facts and principles of development, learning, and measurement as applied to educational situations. Two class hours, one 2-hour lab. Prerequisite: PSYCH 100 or 150. (S)

PSYCH 240 Statistics in Psychology (E)
Introduction to statistical principles and techniques as applied to psychological data. Three class hours, one 1-hour lab. Prerequisite: knowledge of basic algebra. (F)

PSYCH 241 Methods of Inquiry in Psychology (D)
Introduction to the way questions about behavior are formulated and then tested through laboratory experiments, field research methods, and naturalistic observation techniques. Lectures, discussions, and laboratory. Concepts from many areas of psychology illustrate procedures used in designing, conducting, reporting, and interpreting psychological research. Two class hours, one 3-hour lab. Prerequisites: PSYCH 110, 150, and 240. (S)

PSYCH 280A, B Abnormal Psychology (D)
Abnormal behavior including major psychological disorders. Emphasis on various contemporary approaches to their understanding and treatment. Prerequisite: PSYCH 100 or 150. (F, S)

PSYCH 315 Cognitive Psychology (D)
Basic processes in human cognition and performance. Topics include attention, perception, judgment, memory, and thinking. Prerequisite: PSYCH 110. (F)

PSYCH 350 Child Behavior and Development (D)
Psychological development of the child including theories, methods, and data of child behavior studies. Prerequisite: PSYCH 100 or 150. (S)

PSYCH 355 Adolescent Psychology (D)
The development and emotional, social, and intellectual adjustment of the individual during adolescence. Prerequisite: PSYCH 100 or 150. (F)

PSYCH 360 Social Psychology (D)
Introduction to the principles and study of social behavior. The psychological factors involved in attitude formation and change, communication and persuasion, and small group processes. Prerequisite: PSYCH 100 or 150. (S)

PSYCH 370 Personality (D)
Introduction to the scientific study of personality. Personality development, structure, and dynamics from major theoretical orientations. Prerequisite: PSYCH 100 or 150. (F)

PSYCH 391A Seminar: Psychology of Reality
As a reaction to the predominant Western notion that "reality" exists "out there," independent of one's perception of it, the course deals with the concept of reality as a system that is both intra-and interpersonally created and maintained, continually subject to reinterpretations of cues in our environment. Students develop (from readings, discussions, and personal experiences) an understanding of the processes which allow us to assign meaning to the world. Prerequisites: Elementary Psychology or consent of instructor. (F)

RHETORIC

RHET 100C Rhetoric of Language and Writing: Writing and Speaking–Integrated Skills I (B)
The first part of a year-long sequence. Practice in improving both writing and speaking skills. Emphasis on the relationship of clear, orderly thought to effective communication. Introduction to some important elements of critical analysis: the nature of observation, the difference between facts and inferences, the language of reports and judgments, the various kinds of definitions. Discussion of contemporary issues in all areas. Papers of varying lengths, a short research paper, and oral presentations. (F)

Women Studies

RHET 100G Rhetoric of Language and Writing: Elements of Writing (B)
Emphasis on writing, editing, and rewriting to attain clarity in the use of words, syntax, and organization. Interdisciplinary subject matter for assignments. (S)

RHET 110A Language and Speaking: Elements of Public Speaking (B)
Students improve skills in one-to-group situations. Primary concerns are selection, arrangement, and development of ideas and materials for oral communication; the use of language for conveying meaning; thinking, reasoning, problem-solving, and decision making; analysis of audience attitudes and beliefs; identification of purpose and assessment of effects of communication; ethical considerations in influencing others; and evaluation of public messages. Prerequisite: Rhetoric Group I course. (F)

RHET 140 Rhetoric of Imaginative Writing: Writing About Literature (B)
Become more articulate in writing through a close reading of literature (literature defined in its broadest sense). Materials may include essays and oral histories. Prerequisite: Rhetoric Group I course. (S)

SCHOOL OF BUSINESS ADMINISTRATION

SBA 572 Advanced Federal Tax Procedures
Continuation of ACCTG 371. Concentrated course on the federal income taxation of corporations, partnerships, estates, and trusts. Also brief treatment of federal, state, and gift taxes. Prerequisite: ACCTG 371. (F)

SBA 583 CPA Law
A broad survey of legal problems encountered in business transactions; emphasis on implications to accountants and auditors. Prerequisite: GB FIN 260 or consent of instructor. (F)

SOCIOLOGY

SOCIOL 103 Social Problems (D)
Distribution and interrelationships among some types of deviance and disorganization; crime, mental disorders, addiction, suicide, family tension. Theories of causation; research projects. (F)

SOCIOL 104 Urban Life and Industrial Society (D)
Introduction to the sociological perspective, focused on the nature and consequences of urban industrial society. (S)

SOCIOL 107 Contemporary American Society (D)
Five topics, about three weeks on each: the environment, work, mass culture, imperialism, and who rules America. America is a capitalist society—what this means and what impact it has on our lives. Learn to read critically and evaluate an argument. Readings: Who Rules America?, Domhoff; The Closing Circle, Commoner; Blue Collar, Spencer; The Plug-In Drug, Winn; Global Reach, Barnet, Muller. (S)

SOCIOL 224 Social Stratification (D)
The nature of social classes in society: differences in economic power, political power, and social status. Why stratification exists; its internal dynamics; and its effects on individuals, subgroups, and society. Problems of poverty and the uses of power. (S)

SOCIOL 242 Drugs and Society (D)
The following aspects of drugs (alcohol, cannabis, stimulants, psychedelics, depressants, opiates): historical and cross-cultural perspectives; behavioral effects; social and cultural factors affecting use; addiction (including alcoholism); treatment of addiction; drugs as agents of behavioral and social change; social control of use and distribution; drugs and social reality. (F)

SOCIOL 381 Society and the Individual (D)
Introduction to sociological social psychology; strong emphasis on a symbolic interactionist approach. Topics include the nature and importance of language; the development of self; social interaction in everyday life; and interactionist approaches to social structure, collective behavior, and deviance. Relationships between interactionist and other perspectives on social psychology. Prerequisite: introductory (100 level) sociology. (S)

SPANISH

SPAN 110 Elementary Spanish I
Basic listening, reading, speaking, and writing skills in Spanish. (F)

SPAN 120 Elementary Spanish II
Continuation of SPAN 110—basic listening, reading, speaking, and writing skills in Spanish. Prerequisite: SPAN 110. (S)

SPAN 126 Elementary Intensive
For highly motivated students with little or no previous knowledge of Spanish. Not recommended for those with low language aptitude or simply seeking quick fulfillment of language requirements. All four skills are stressed—listening, speaking, reading, and writing. After one semester students should be able to enroll in either the regular intermediate-level Spanish courses or in the intensive intermediate course (SPAN 146). Credit: 6. (F)

SPAN 130 Intermediate Spanish I
Systematic review of Spanish grammar, combined with readings in Spanish literature at an intermediate level. (F)

SPAN 140 Intermediate Spanish II
Review basic grammar skills for greater proficiency in reading, writing, and speaking Spanish. (S)

SPAN 146 Intermediate Intensive
Continuation of the language skills in SPAN 120, 126 (grammar and conversation). The rudimentary analysis of literature and the writing of simple compositions in Spanish. Provides background for SPAN 220 and/or 180. For prospective majors and others who wish to proceed at a more rapid pace than the conventional 130-140 sequence allows. Successful completion fulfills the language requirement. Prerequisite: SPAN 120, 126, or equivalent. Credit: 6. (S)

SPORT STUDIES

SPORST 200 Sociology of Sport and Physical Activity (D)
Use of the sociological frame of reference to examine sport social systems and sport as an element of other social and cultural systems. (S)

SPORST 565 Sociology of Sport
The literature of the field. Theories of sport participation, social functions of sport, social process and their interaction with sport. (S)

SPORST 597A Special Topics: Sports Law
Introduction to the relevant areas of contract, tort, antitrust, and labor law as they concern management in sport organizations. (S)

SPORST 769 Internship in Sport Management
Participation in management of a sport organization. Internship in a professional sport organization, a collegiate or high school athletic department, an intramural sport program, a "hall of fame," or some other form of public or private sport organization. Prerequisites: completion of all course work and/or consent of instructor. Open to undergraduates. Credit: 12. (X)

STATISTICS

STATIS 121 Elementary Statistics (E)
Lecture, discussion. Descriptive statistics, elements of probability theory, and basic ideas of statistical inference. Topics include frequency distributions, measures of central tendency and dispersion, elements of probability, commonly occurring distributions (binomial, normal, others), estimation and testing of hypotheses, and correlation. Text: Elements of Statistical Inference, Huntsberger, Billingsley, 4th ed. Prerequisite: high school algebra. (F)

THEATER

STATIS 140 Statistics for Business (E)
Lecture, discussion. Prerequisite for courses in Business Administration and Marketing. Elementary probability and basic techniques in statistical inference. Text: Introductory Statistical Analysis, Harnett, Murphy. Prerequisite: MATH 121 or similar preparation in calculus. (F, S)

THEATER

THEATR 100 Introduction to Theater (C)
Introduction to the art of theater—its influences and place in society; elements, forms, and contributing artists. (F, S)

THEATR 140 Beginning Techniques in Performance
Introduction to the art of acting; developing physical and vocal details of characterization. (F, S)

THEATR 160 Beginning Techniques in Scenography
Introduction to the art of theatrical design; the function of scenery, properties, lights, and costumes in creating the visual environment of stage performance. (F, S)

WOMEN'S STUDIES

WOST 290B Women and Poetry
Historical and cross-cultural survey of poetry by, for, and about women, with concentration on modern poetry. (S)

WOST 290C Feminist Therapy
A critique of current books about the psychology of women. Discussion includes women not usually found in the current psychological literature, such as lesbians, blacks, and American Indians. The theories of Freud and Jung as they relate to the psychodynamics of women, using current critiques and original works by the theorists. (F)

AMHERST

University of Massachusetts at Amherst
SUMMER SPORTS CAMP PROGRAM

The University of Massachusetts at Amherst offers a summer sports camp program with the highly knowledgeable UMass athletic staff providing an outstanding opportunity to achieve one's specific goals on a personal basis.
(Applications for each camp are accepted on a limited basis.)

TUITION Resident $130 per session; Commuter - $70 per session. Campers arrive Monday 10:00 AM and depart Saturday 12:00 noon. Tuition includes five full days of instruction, lodging, full linen, three meals per day with unlimited seconds, accident insurance, locker with clean towel, shorts, T-shirt, and socks daily.

AGE & EXPERIENCE
Campers from ages 10 to 18

ACCOMMODATIONS
Campers are housed in the southwest high rise complex.

FACILITIES Both indoor and outdoor facilities at the University are available including 34 acres of playing fields (seven lighted for night use). Boyden Gymnasium houses 6+ full basketball courts, plus a completely separate full gymnasium exclusively for gymnastics, Lorden baseball diamond in the finest collegiate field in the East, and volleyball has its own separate complex. Modern training and weight facilities along with three competition-sized swimming pools are also available.

SUMMER SPORTS CAMP SESSIONS:

Women's Basketball (Commuters only) June 23-28
Baseball (Resident & Commuters) June 23-28
Girls' Lacrosse (Resident & Commuters) August 18-23
Boys' Lacrosse (Resident & Commuters) August 18-23
***Cross Country** (Resident & Commuters) August 18-23
***Soccer** (Resident & Commuters) August 18-23
****Gymnastics** (Resident & Commuters) August 18-23

The learning experience for each camper includes:

(A) Complete involvement and exposure to every aspect of your particular sport.
(B) Films, lecture, game situations, and personalized attention by the staff.
(C) Mini clinics in: proper weight training and conditioning techniques, basic athletic training for minor injuries, and beginning swimming for non-swimmers.
(D) Association and contact with others striving for a great learning and fun week.

FOR APPLICATION, BROCHURES & MORE . . . .

Please Contact: Director, Summer Sports Camp, Boyden 224, University of Massachusetts, Amherst, MA 01003. (413) 545-2338

* These camps provide separate instruction for both boys and girls.
**This camp can facilitate and provide separate instruction for both boys and girls.

AMHERST

Summer International Programs

FRENCH STUDIES AT DIJON

The University of Massachusetts sponsors a summer program in French, history, political science, and art at Dijon, France. Six Univeristy of Massachusetts credits at the undergraduate and graduate levels may be earned in the six-week academic program that runs from early July to mid-August.

Instruction is by professors from the French university system. Courses in all levels of French are offered in language, stylistics, literature, and civilization, according to student ability, background, and interest. A special course for teachers of French is also available.

The courses in history, political science, and art require the ability to understand and use spoken and written French. Students of history and political science may take the course, Contemporary France.

Students interested in art may, by arrangement with the University of Massachusetts Art Department, propose a program of study pertinent to the region and including the course, The History of Art in Burgundy.

Dijon is the capital of Burgundy in east-central France, famous for the beauty of the countryside and the quality of of its wine. Excursions of archaeological, literary, artistic, and touristic interest are planned, for example, to Vezelay, the Cote d'Or, and the Jura and Vosges Mountains. Excursions are also available to the Loire Valley and Paris.

The program fee is approximately $850 (it may fluctuate somewhat depending on the exchange value of the dollar) for tuition, room and board for six weeks, and excursions that are part of the program. Not included are the costs of international and any independent travel students may wish to undertake before or after the program, or of miscellaneous personal expenses. Students are eligible for economical charter flights.

Completed application should be made by February 1, 1980. Enrollment is limited; early application is recommended. For further information and application forms, write: Professor S.S. Weiner, Summer Studies in France, Department of French and Italian, Herter Hall, University of Massachusetts, Amherst, MA 01003, or call (413) 545-2314/1345.

FREIBURG SUMMER PROGRAM

The Department of Germanic Languages and Literatures sponsors a summer program in Germany from June 18 to August 14, 1980. Courses include intermediate and advanced German and seminars in modern literature. Students earn six University of Massachusetts credits. Intermediate proficiency in German is a prerequisite. Integrated excursions include: Switzerland, Lake Constance, the Black Forest, Breisach, Colmar, and Strassburg;; there is an extended trip to Vienna from June 18 to 25. The program is open to undergraduates (graduates by permission).

The estimated cost of $1300 covers tuition, books, room and board, and excursions in Vienna and Freiburg, but it does not include transportation to and from Europe. Although application for the summer program closed March 1, 1980, those interested in next year's courses may contact George Vaught, International Programs Office, Whitmore Administration Building, Room 239, University of Massachusetts, Amherst, MA 01003, or call (413) 545-2710.

OXFORD SUMMER SEMINAR

There are fifteen English and humanities courses offered at Trinity College, Oxford, during July and part of August. Also included is a special Shakespeare course that uses the productions at Stratford-upon-Avon. The courses are taught by Oxford dons, current or former, and the Bodleian Library is available for extensive research. All courses carry regular University of Massachusetts credit. Graduate and undergraduate credit is offered and courses vary each year according to the availability of specialists at Oxford and the interests of the student. Guest evening lectures by noted authorities supplement these offerings. Cost to the student is $1300 (pending final approval), including room and board and many extras. Students are responsible for transatlantic travel. If interested, write Oxford Summer Seminar, Department of English, Bartlett Hall, University of Massachusetts, Amherst, MA 01003, or call (413) 545-2332, by March 17, 1980.

SUMMER SESSION IN LISBON

The Department of Spanish and Portuguese sponsors a summer program in Lisbon which runs from the beginning of July to the middle of August. Courses include language, literature, and culture. Students earn six University of Massachusetts credits. The fee of $425 covers tuition, tutors, bed and breakfast, and special excursions to places of cultural and historic interest. Students wanting to travel throughout Portugal can do so either prior to, or after, the courses. Knowledge of Portuguese is not a prerequisite for participation in the program. Deadline of application is April 30, 1980. If interested, please contact Professor Frank Fagundes, Department of Spanish and Portuguese, 413 Herter Hall, University of Massachusetts, Amherst, MA 01003, or call (413) 545-2887.

SUMMER PROGRAM IN SPAIN

The Department of Spanish and Portuguese sponsors a summer program in Salamanca which runs from July 3 to July 30, 1980. Courses include language (3 levels), culture, literature, and linguistics. Six graduate or undergraduate University of Massachusetts credits can be earned. The program includes classroom instruction, excursions, and cultural activities. Students have the choice of living with Spanish families or in university dormitories. The minimum requirement is two semesters of college Spanish. Application deadline is April 15, 1980, but earlier application is advised, since students who complete all requirements may be admitted ahead of deadline. If interested, contact Professor Juan C. Zamora, Department of Spanish and Portuguese, 402 Herter Hall, University of Massachusetts, Amherst, MA 01003, or call (413) 545-2887.

AMHERST

A New Part Time MBA Program

ANNOUNCING A NEW PART-TIME MBA PROGRAM

The School of Business Administration and the Division of Continuing Education UMass/Amherst announce a new off-campus Master of Business Administration degree program to be offered evenings at Holyoke Community College. In September, 1980, the School will begin offering its regular, 54 credit hour Master of Business Administration degree program to qualified individuals.

The Graduate program is fully accredited by the American Assembly of Collegiate Schools of Business which specifies admissions standards, curriculum requirements, and faculty qualification criteria. The program's curriculum builds on foundation courses in accounting, financial management, business data analysis, managerial economics, organizational management, computer and information systems, operations management and organizational planning and strategy. Although the course requires no prior knowledge in business administration, students should have background in micro and macro economics, introductory statistics and college level mathematics. Courses will be scheduled evenings Monday through Thursday and will meet once weekly. Instructional faculty are full-time faculty in the School of Business Administration.

Application to the part-time program is made through the Graduate Admissions Office, Graduate Research Center at the Amherst campus. In addition to the official application form, applicants must submit two letters of reference either professional or academic, two sets of official transcripts for undergraduate and any graduate work completed, an official score on the Graduate Management Admissions Test (GMAT), and a resume detailing the applicant's current job responsibilities and work history. The application fee for residents of Massachusetts is $10; for non residents the fee is $25. For further information about this graduate program contact the Master's Program Office, School of Business Administration, University of Massachusetts, Amherst, MA 01003. Telephone (413) 549-4930, Ext. 266.

Professional Development

OFFERINGS FOR SUMMER 1980

REAL ESTATE

Real Estate Principles
Amherst, Fitchburg, Pittsfield, Springfield
Appraising Residential Properties
Amherst, Fitchburg, Pittsfield, Springfiled
Landscaping
Windmills: An Energy Source

ONE-DAY SEMINARS IN REAL ESTATE

Borrowing Money for Real Estate Projects
Real Estate Investments Return on Investment
Remodeling Your Own Home

BUSINESS MANAGEMENT SHORT COURSES

Cash Management
What Managers Do
Computer Basics
Financial Accounting For Managers
Small Business: Careers For Women

RADIO PROGRAMMING & PRODUCTION

Techniques of Broadcasting Speech

FOR FURTHER INFORMATION CALL OR WRITE:

PROFESSIONAL DEVELOPMENT PROGRAMS
Division of Continuing Education
104 Hasbrouck Lab, University of Massachusetts
Amherst, MA 01003 (413) 549 - 4970 ext 138

Amherst Schedule of Courses

SESSIONS

Please note carefully the number of days each class meets.

F FIRST 6-WEEK SESSION JUNE 3 - JULY 11

S SECOND 6-WEEK SESSION JULY 15 - AUGUST 22

X EXTRA SESSION DATES POSTED

SCHEDULE/How to read it

DEPT. | Course NO. | Course TITLE | CORE | CREDITS

ART 103 BASIC DESIGN 11 C 3CR

1S 064054 MTUWTHF 9.00 - 12.00 FAC 430

DOE, J

Lab Fee $15.00

SEC & SESSION | Schedule NO. | Instructor & Lab Fee | TIME | LOCATION

A-C-C-O-U-N-T-I-N-G

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ACCTG  221     INTRO TO ACCTG I                    3CR
      1F    060036 MTUWTHF 9.30-11.00 HERT   116
      2F    060064 MWF 11.15-12.45    HERT   202
                   TUTH 11.15-12.45    HERT   202
      3S    060092 MTUWTHF 9.30-11.00 HERT   102
ACCTG  222     INTRO TO ACCTG II                   3CR
      1F    060270 MWF 11.15-12.45    HERT   211
                   TUTH 11.15-12.45    HERT   211
      2S    060303 MWF 11.15-12.45    HERT   211
                   TUTH 11.15-12.45    HERT   211
ACCTG  321     FINAN RPTG I                        3CR
      1F    060486 MTUWTHF 7.45-9.15  HERT   118
ACCTG  322     FINAN RPTG II                       3CR
      1S    060664 MTUWTHF 9.30-11.00 HERT   111
ACCTG  331     COST ACCTG                          3CR
      1F    060842 MTUWTHF 9.30-11.00 HERT   118
ACCTG  371     FEDERAL TAXES                       3CR
      1F    061024 MTUWTHF 7.45-9.15  HERT   107
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A-F-R-O---A-M-E-R-I-C-A-N S-T-U-D-I-E-S

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AFROAM 131     AFRICAN HISTORY II        C    3CR
      1F    061202 MWF 11.15-12.45    NAH   315
                   TUTH 11.15-12.45    NAH   315
             AFESI,D.
AFROAM 152     BLACK RHETORIC            B    3CR
      1F    061385 MTUWTHF 9.30-11.00 NAH   114
             MEADE,H.
AFROAM 212     SCULPT-SHEET METAL                 3CR
      1F    061563 MTUWTHF 7.45-9.15  NAH     1
             MILES,R.
AFROAM 252     BLK IMAGE IN AM WRIT      C    3CR
      1F    061741 MTUW 19.00-21.30   NAH   110
             AUSTIN,A.
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A-N-I-M-A-L S-C-I-E-N-C-E

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AN SCI 150     BEG EQUITATION I                   1CR
      1F    061929 MTUWTH 11.00-12.30 TILL FARM
      2S    061957 MTUWTH 11.00-12.30 TILL FARM
AN SCI 151     BEG EQUITATION II                  1CR
      1F    062139 MTUWTH 9.30-11.00  TILL FARM
      2S    062167 MTUWTH 9.30-11.00  TILL FARM
AN SCI 152     INT EQUITATION I                   1CR
      1F    062345 MTUWTH 11.00-12.30 TILL FARM
      2S    062373 MTUWTH 11.00-12.30 TILL FARM
AN SCI 153     INT EQUITATION II                  1CR
      1F    062551 MTUWTH 9.30-11.00  TILL FARM
      2S    062589 MTUWTH 9.30-11.00  TILL FARM
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A-N-T-H-R-O-P-O-L-O-G-Y

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ANTH   102     INTRO TO ARCHAEOLOGY      D    3CR
      1F    062767 MWF 11.15-12.45    HERT   206
                   TUTH 11.15-12.45    HERT   206
ANTH   103     INTRO PHYSICAL ANTH       E    3CR
      1S    062945 MTUWTHF 9.30-11.00 HERT   112
ANTH   104     INTRO CULTURAL ANTH       D    3CR
      1F    063127 MTUW 19.00-21.30   HERT   202
      2S    063155 MWF 11.15-12.45    HERT   201
                   TUTH 11.15-12.45    HERT   201
ANTH   577     FIELD SCHOOL IN ARCH               6CR
      1X    063333 MTUWTHF 8.00-5.00  HERT   204
             CLASS MEETS JUNE 9 THRU JULY 30,1980.
             KEENE,A.
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A-R-T

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ART    100     BASIC DRAWING             C    3CR
      1F    063511 MTUWTHF 1.30-4.30  FAC   431
             LAB FEE $15.00
ART    101     DRAWING COMPOSITION       C    3CR
      1S    063694 MTUWTHF 1.30-4.30  FAC   430
             LAB FEE $15.00
ART    102     BASIC DESIGN I            C    3CR
      1F    063872 MTUWTHF 9.00-12.00 FAC   431
             LAB FEE $15.00
ART    103     BASIC DESIGN II           C    3CR
      1S    064054 MTUWTHF 9.00-12.00 FAC   430
             LAB FEE $15.00
ART    151     ARCHITECTUAL DRAWING               3CR
      1S    064232 MTUWTHF 9.00-12.00 FAC   440
             LAB FEE $3.00
ART    201     ADVANCED DRAWING                   3CR
      1F    064410 MTUWTHF 1.30-4.30  FAC   442
             LAB FEE $15.00
ART    230     PHOTOGRAPHY I                      3CR
      1S    064593 MTUWTHF 1.30-4.30  BART   51
             LAB FEE $15.00
ART    241     PRINTMAKING-INTAG         C    3CR
      1F    064771 MTUWTHF 9.00-12.00 FAC   434
             LAB FEE $20.00
ART    280     CERAMICS I                C    3CR
      1F    064959 MTUWTHF 1.30-4.30  MUNX    2
             LAB FEE $15.00
ART    341     PRINTMAKING-INT II                 3CR
      1F    065131 MTUWTHF 9.00-12.00 FAC   434
             LAB FEE $20.00
ART    541     PRINTMAKING-INTAG I                3CR
      1F    065319 MTUWTHF 9.00-12.00 FAC   434
             LAB FEE $20.00
ART    641     PRINTMAKING-INT II                 3CR
      1F    065492 MTUWTHF 9.00-12.00 FAC   434
             LAB FEE $20.00
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DEPT COURSE SCHEDULE     TITLE              CORE CR
        SEC NUMBER     MEETING TIMES     BLDG ROOM

A-R-T  H-I-S-T-O-R-Y

ARTHIS 522       MOD ART 1880-PRESENT        C    3CR
      1S     065670 MWF 11.15-12.45      BART  219
                    TUTH 11.15-12.45     BART  219
             NOT FOR GRADUATE CREDIT
             ROSS,N.
ARTHIS 526       AMERICAN ART                C    3CR
      1F     065858 MWF 11.15-12.45      BART  219
                    TUTH 11.15-12.45     BART  219
             NOT FOR GRADUATE CREDIT.
             BLOOMBERG,L.

A-S-T-R-O-N-O-M-Y

ASTRON 100       EXPLORING UNIVERSE          E    3CR
      1F     066030 MTUWTHF 7.45-9.15    GTWR  101
      2S     066068 MTUW 19.00-21.30     GTWR  101

B-U-S-I-N-E-S-S  A-D-M-I-N-I-S-T-R-A-T-I-O-N

BA      210      INTRO TO BUS COMP               3CR
      1F     066246 MWF 11.15-12.45      HERT  205
                    TUTH 11.15-12.45     HERT  205
             NYAMAH,D.
             LAB FEE $17.00
      2S     066274 MWF 11.15-12.45      HERT  207
                    TUTH 11.15-12.45     HERT  207
             TANGPANICHDEE
             LAB FEE $17.00
BA      497      BUS POLICY & STRAT              3CR
      1S     066452 MTUWTHF 9.30-11.00 HERT  106
             ONEILL

B-I-O-C-H-E-M-I-S-T-R-Y

BIOCHM 420       ELEMENTARY BIOCHM           E    3CR
      1F     066630 MTUWTHF 9.30-11.00 GTWR  202
             DETCMA,F.
BIOCHM 421       ELEM BIOCHM LAB                  1CR
  LEC 1F     066818 TUTH 1.30-2.30       GTWR  202
  LAB 1F     066868 TUTH 2.30-4.30       GOES  256
             LAB FEE $10.00

B-O-T-A-N-Y

BOTANY 101       GENERAL BOTANY              E    3CR
  LEC 1F     067040 MTUWTH 11.15-12.45 MOR   301
  LAB 1F     067090 TH 1.00-2.30         MOR   301
             LAB FEE $5.00

C-I-V-I-L  E-N-G-I-N

C E     240      STATICS                         3CR
      1F     067278 MWF 11.15-12.45      GOES  151
                    TUTH 11.15-12.45     GOES  151
C E     241      STRENGTH OF MATL I              3CR
      1F     067456 MTUWTHF 7.45-9.15    GOES  151
C E     342      DYNAMICS                        3CR
      1F     067634 MWF 11.15-12.45      GOES  152
                    TUTH 11.15-12.45     GOES  152

C-H-E-M-I-C-A-L  E-N-G-I-N

CH E    225      FUNDAMENTALS                    3CR
      1F     067812 MTUWTHF 9.00-11.00 GOES  259
CH E    226      CHE THERMODYNA                  3CR
      1S     067995 MTUWTHF 9.00-11.00 GOES  259
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DEPT COURSE SCHEDULE     TITLE              CORE CR
        SEC NUMBER     MEETING TIMES     BLDG ROOM

C-H-E-M-I-S-T-R-Y

CHEM    110      GEN CHEM                    E    4CR
  LEC 1S     068177 MTUWTHF 9.30-11.00 GTWR  101
  LAB 1S     068222 TUTH 1.30-4.30       GOES   57
             LAB FEE $10.00
CHEM    111A     GEN CHEM-SCI                E    4CR
  LEC 1F     068400 MTUWTHF 9.30-11.00 GOES  PET
  LAB 1F     068450 MW 1.30-4.30         GOES   57
             LAB FEE $10.00
CHEM    111B     GEN CHEM-SCI                E    4CR
  LEC 2F     068638 MWF 11.15-12.45      GOES  PET
                    TUTH 11.15-12.45     GOES  PET
  LAB 2F     068688 TUTH 1.30-4.30       GOES   57
             LAB FEE $10.00
CHEM    112A     GEN CHEM-SCI                E    4CR
  LEC 1S     068866 MTUWTHF 9.30-11.00 GOES  PET
  LAB 1S     068911 MW 1.30-4.30         GOES   57
             LAB FEE $10.00
CHEM    112B     GEN CHEM-SCI                E    4CR
  LEC 2S     069098 MWF 11.15-12.45      GOES  PET
                    TUTH 11.15-12.45     GOES  PET
  LAB 2S     069143 TUTH 1.30-4.30       GOES   57
             LAB FEE $10.00
CHEM    250      ORGANIC CHEMISTRY           E    3CR
      1S     069321 MTUWTHF 9.30-11.00 GTWR  203
CHEM    252      ORGANIC CHEM LAB                 1CR
      1S     069509 TUTHF 1.30-4.30      GTWR 1507
CHEM    261      ORGANIC NON-MAJ             E    3CR
      1F     069682 MTUWTHF 9.30-11.00 GTWR  103
CHEM    262      ORGANIC NON-MAJ             E    3CR
      1S     069860 MTUWTHF 9.30-11.00 GTWR  103
CHEM    263      ORGANIC LAB-NON-MAJ              1CR
      1F     070045 MTUTH 1.30-4.30      GTWR 1507
             LAB FEE $15.00
CHEM    264      ORGANIC LAB-NON-MAJ              1CR
      1S     070223 MWF 1.30-4.30        GTWR 1507
             LAB FEE $15.00

C-L-A-S-S-I-C-S

CLSICS 102       ROMAN CIV                   C    3CR
      1F     070401 MTUWTHF 9.30-11.00 HERT  102
             CLEARY,V.
CLSICS 224       GREEK MYTHOLOGY             C    3CR
      1F     070584 MWF 11.15-12.45      HERT  201
                    TUTH 11.15-12.45     HERT  201
             PHILIPPIDES,M.
CLSICS 265       GREEK DRAMA IN TRANS        C    3CR
      1S     070762 MTUW 19.00-21.30     HERT  111
             DYER,R.

C-O-M-P-A-R-A-T-I-V-E  L-I-T-E-R-A-T-U-R-E

COMLIT 110       MYTH,FOLK&CHILD LIT         C    3CR
      1F     070940 MTUW 19.00-21.30     HERT  102
             BORGES,F.

C-O-M-M-U-N-I-C-A-T-I-O-N  S-T-U-D-I-E-S

COMSTU 121       INTRO TO MASS COMM          D    3CR
      1S     071122 MTUWTHF 7.45-9.15    HERT  102
             EDGERTON
COMSTU 150       PROCESS OF COMMUNCTN        D    3CR
      1F     071300 MTUWTHF 7.45-9.15    HERT  102
             LESCH
COMSTU 240       MODES OF FILM COMM          C    3CR
      1S     071483 MWF 11.15-12.45      SC    108
                    TUTH 11.15-12.45     SC    108
             ANDERSON
             LAB FEE $15.00
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DEPT COURSE SCHEDULE    TITLE                CORE CR
        SEC NUMBER    MEETING TIMES        BLDG ROOM

COMSTU 250      INTERPERSONAL COMM          0    3CR
      1F     071661 MTUWTHF 19.00--21.30  HERT  106
              CARTER
      2S     071699 MTUW  9:30--11:00     HERT  102
              MCNAMEE
COMSTU 331      PROGRAM PROC IN TV               3CR
      1F     071877 MTUWTHF 9.30-11.00 HERT  110
              JONES
COMSTU 575      DRCTNG FORENSC PRGM              3CR
      1X     072059 MTUWTHF 9.00-12.00 HERT  205
                    MTUWTHF 1.30-4.30  HERT  205
              CLASS MEETS JULY 30 THRU
              MATLON,R.    AUGUST 19,1980.
COMSTU 791C     SEMINAR - MASS COMM/CLSRM        3CR
      1X     072237 MTUWTHF 9.00-12.00 SC    109
              CLASS MEETS JULY 15 THRU
              DAVIS,L.     AUGUST 4,1980.
COMSTU 792A     SEM – MASS COMM                  3CR
      1X     072415 MTUWTHF 1.00-4.00  SC    109
              CLASS MEETS JULY 15 THRU
              BRYANT,J.    AUGUST 4,1980.

E-L-E-C-T-R-I-C-A-L + C-O-M-P-U-T-E-R  E-N-G-I-N-

ECE     212     SYST ANALYSIS II                 4CR
              CLASS MEETS JUNE 3 THRU
              LAB FEE$10.00 AUGUST 22,1980.
  LEC 1X     072598 MTUW 9.30-11.00     GOES  152
              LAB FEE $10.00
  LAB 1X     072643 THF 9.30-11.00      GOES  152
ECE     302     ACTIVE NET I                     3CR
      1X     072821 MW 11.00-12.45      GOES  157
              CLASS MEETS JUNE 3 THRU AUGUST 20
ECE     410     INT DIG & COMP SYS               3CR
      1X     073003 TUTH 11.00-12.45    GOES  157
              CLASS MEETS JUNE 3 THRU AUGUST 21

E-C-O-N-O-M-I-C-S

ECON    103     INTRO TO MICROECON          D    3CR
      1F     073186 MTUWTHF 7.45-9.15   MACH W-13
ECON    104     INTRO TO MACROECON          D    3CR
      1S     073364 MTUWTHF  9:30--11:00  MACH W-23
ECON    203     INTERMED MICROEC TH         D    3CR
      1F     073542 MWF 11.15-12.45     MACH W-13
                    TUTH 11.15-12.45    MACH W-13
ECON    204     INTERMEO MACROEC TH         D    3CR
      1S     073720 MWF 11.15-12.45     MACH W-23
                    TUTH 11.15-12.45    MACH W-23
              PODGURSKY

H-U-M  S-E-R-V-/-A-P-P-L  B-E-H-A-V  S-C-I

EDUC H 390G     ETIOLGY SEVERE HNDIC             3CR
      1X     073908 MTUWTHF 9.00-12.00 GTWR  121
              CLASS MEETS JUNE 23 THRU JULY 11
              NAGLER,B.
              LAB FEE $5.00
EDUC H 391G     SEM -- EDUC OF HANDCP            3CR
      1X     074085 MTUWTHF 9.00-12.00 GTWR  115
              CLASS MEETS JUNE 3 THRU JUNE 20
              HOGAN,M.
              LAB FEE $5.00
EDUC H 391H     SEM - EDUC/HEARNG IMP            3CR
      1X     074263 MTUWTHF 1.00-4.00  GTWR  115
              CLASS MEETS JUNE 3 THRU JUNE 20
              GILBERT,A.   LAB FEE $5.00
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OEPT COURSE SCHEDULE    TITLE                CORE CR
        SEC NUMBER    MEETING TIMES        BLDG ROOM

EDUC H 570      PRINCS OF SCH GUID               3CR
      1X     074441 MTUWTHF 1.00-4.00  GTWR  121
              CLASS MEETS JUNE 23 THRU JULY 11
              PEPYNE,E.
EDUC H 605      THRY/COUN-COM AG&SCH             3CR
      1X     074629 MTUWTHF 1.00-4.00  GTWR  115
              CLASS MEETS JULY 14 THRU AUGUST 1
              CROWLEY,T.
              LAB FEE $2.00
EDUC H 609      GRP ACTIVS IN COUNS              3CR
      1X     074807 MTUWTHF 9.00-12.00 GTWR  115
              CLASS MEETS JULY 14 THRU AUGUST 1
              ALSO MEETS JULY 26 AND 27 FROM
              CAREW,R.                     9.00-5.00
              LAB FEE $2.00
EDUC H 631      LAB FOR COUNS SKILLS             3CR
      1X     074980 MTUWTHF 8.00-12.30 EDUC  21B
              CLASS MEETS AUGUST 4 THRU AUGUST 14
              PRESSLEY,B.
              LAB FEE $2.00
EDUC H 692H     SEM-SENSMTR/SEV HC               3CR
      1X     075162 MTUWTHF 8.00-11.00 GTWR  125
              CLASS MEETS JUNE 3 THRU JUNE 20
              NOONAN,E.
              LAB FEE $5.00
EDUC H 692I     SEM-RES/SPEC EDUC                3CR
      1X     075340 MTUWTHF 8.00-11.00 GTWR  125
              CLASS MEETS JUNE 23 THRU JULY 11
              FRANT,R.
EDUC H 692J     SEM-PROG DEV/SPEC EO             3CR
      1X     075528 MTUWTHF 12.00-3.00 GTWR  121
              CLASS MEETS JUNE 3 THRU JUNE 20
              MILLER,J.
              LAB FEE $5.00
EDUC H 747      FAMILY COUNSELING                3CR
      1X     075706 BY ARRGT
              JUNE 3-19 CLASS WILL MEET ON TU & TH
              19.00-22.00 IN HERT 108.
              JUNE 24-JULY 22 CLASS
              WILL MEET ON TU & TH FROM 9.00-12.00
              LAB FEE $2.00          IN HERT 225.

I-N-S-T-R-U-C-T-I-O-N-A-L  L-E-A-D-E-R-S-H-I-P

EDUC I 509      METHODS IN SEC ENGL              3CR
      1X     075889 MWF 19.00-22.00     HERT  114
                    TUTH 19.00-22.00    HERT  114
              CLASS MEETS JUNE 3 THRU JUNE 20
              ULIN,R.
EDUC I 533      TCH ESL-METH APPRCH              3CR
      1X     076061 MTUWTHF 1.00-3.15  HERT  201
              CLASS MEETS JUNE 23 THRU JULY 18
              FUENTES,L.
EDUC I 548      WKSHP-EO&INSTIT RAC              3CR
      1X     076249 MTUWTHF 9.00-5.00  GTWR  223
              JUNE 3-9 CLASS WILL MEET FROM 9.00-5
              ALSO MEETS JUNE 19 & 20 FROM 9.00-12
              LOVE,B.
EDUC I 591L     SEM – WOM & SEXISM/ACADEM        3CR
      1X     076427 MTUWTHF 9.00-5.00  EDUC  222
              JUNE 23-27 FROM 9.00-5.00.
              ALSO MEETS JULY 10 & 11 FROM 9.00-12
              LOVE,B.
EDUC I 690J     FOUND-BILING/BICULT              3CR
      1X     076605 MTUWTHF 9.00-11.15 EDUC   22
              CLASS MEETS JUNE 23 THRU JULY 18
              FUENTES,L.
              LAB FEE $5.00
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DEPT COURSE SCHEDULE     TITLE                CORE CR
        SEC NUMBER     MEETING TIMES     BLDG ROOM

EDUC I 690V      INSTRCTNL STRATEGIES              3CR
      1X     076788 MTUWTHF 9.00-12.30 HERT  217
              CLASS MEETS JUNE 23 THRU JULY 11
              THELEN,L.
              LAB FEE $4.00
EDUC I 690W      RESRCE&MATERIAL DEV               3CR
      1X     076966 MTUWTHF 9.00-12.30 HERT  108
              CLASS MEETS JULY 14 THRU AUGUST 1
              THELEN,L.
              LAB FEE $4.00
EDUC I 710       SEM IN MATH ED                    3CR
      1X     077148 MTUWTHF 4.00-18.30 HERT  201
              CLASS MEETS JUNE 3 THRU JUNE 24
              MASALSKI,W.
              LAB FEE $3.00
EDUC I 791G      SEM-TCHNG WRTG/ELEM               3CR
      1X     077326 MTUWTHF 4.00-19.00 EDUC  228
              CLASS MEETS JUNE 23 THRU JULY 11
              RUDMAN,M.
              LAB FEE $3.00
EDUC I 791K      SEM-RDG GIFTD CHIL                3CR
      1X     077504 MTUWTHF 4.00-19.00 EDUC  228
              CLASS MEETS JUNE 3 THRU JUNE 20
              RUDMAN,M.
              LAB FEE $2.00


E-D-U-C  P-O-L-I-C-Y-,-R-E-S-E-A-R-C-H  &  A-D-M

EDUC P 544       EDUC FOR DEATH&DYING              3CR
      1X     077687 MTUWTHF 2.00-5.00  GTWR  204
              CLASS MEETS JULY 15 THRU AUG 1
              ULIN,R.
EDUC P 551       FOUNDATIONS OF EDUC               3CR
      1F     077865 MTUWTHF 9.30-11.00 GTWR  204
              FRANK,R.


E-N-G-L-I-S-H

ENGL   131       SOCIETY AND LIT          C        3CR
      1S     078047 MTUWTHF 9.30-11.00 BART  206
              HOPLEY,C.
ENGL   140       READING FICTION          C        3CR
      1F     078225 MTUW 19.00-21.30   BART  302
              VANN,J.
ENGL   150       EXPOSITORY WRITING                3CR
      1F     078403 MTUWTHF 9.30-11.00 BART  302
              FRAIL,D.
ENGL   162       SCI FIC&IMAGINATION      C        3CR
      1F     078586 MTUWTHF 7.45-9.15  BART  302
              GALLO,E.
ENGL   272       AMERICAN ROMANTICISM     C        3CR
      1S     078764 MWF 11.15-12.45    BART  302
                    TUTH 11.15-12.45   BART  302
              CLARK,D.
ENGL   354       CREATIVE WRITING                  3CR
      1F     078942 MWF 11.15-12.45    BART  312
                    TUTH 11.15-12.45   BART  312
              MAGUIRE,J.
              LAB FEE $5.00
      2S     078970 MTUWTHF 7.45-9.15  BART  456
              OWENS,G.
              LAB FEE $5.00
ENGL   891A      SEM-YEATS                         3CR
      1S     079152 MTUWTHF 9.30-11.00 BART  456
              CLARK,D.
ENGL   891B      SEM-RDG/TCHNG FICT                3CR
      1F     079330 MWF 11.15-12.45    BART  456
                    TUTH 11.15-12.45   BART  456
              ROBINSON,F.
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DEPT COURSE SCHEDULE     TITLE                CORE CR
        SEC NUMBER     MEETING TIMES     BLDG ROOM

ENGL   891C      SEM-DICKENS                       3CR
      1S     079518 MTUW 19.00-21.30   BART  274
              PAROISSIEN,D.
ENGL   891D      SEM-EXP. WRITING                  3CR
      1X     079691 MTUWTHF 12.15-3.15 HERT  342
              CLASS MEETS JULY 7 THRU JULY 25,1980.
              MORAN,C.


F-R-E-N-C-H

FRENCH 126       ELEMENTARY INTENSIVE              6CR
      1F     079879 MTUWTHF 7.45-11.00 HERT  113
              PAFUNDI,J.
FRENCH 146       INTERMED INTENS                   6CR
      1S     080054 MTUWTHF 7.45-11.00 HERT  113
              TARR,R.


F-O-O-D  S-C-I-E-N-C-E  &  N-U-T-R-I-T-I-O-N

FS&N   130       NUTRITION & PEOPLE        E       3CR
      1F     080232 MTUWTHF 9.30-11.00 CHEN  205
              BERT,M.


G-E-N-E-R-A-L  B-U-S-I-N-E-S-S  F-I-N-A-N-C-E

GB FIN 301       CORPORATION FINANCE               3CR
      1F     080410 MTUWTHF 9.30-11.00 HERT  206
              SHELLEY,K.
      2F     080448 MTUW 19.00-21.30   HERT  111
              BORN,J.
      3S     080476 MTUWTHF 9.30-11.00 HERT  107
              BOSMA,P.
GB FIN 303       APPL BUSINESS STAT                3CR
      1F     080654 MTUWTHF 7.45-9.15  HERT  111
              ABRANCVIC,W.


G-E-O-G-R-A-P-H-Y

GEOG   145       PHYSICAL ENVIRONMENT      E       3CR
      1F     080832 MTUWTHF 9.30-11.00 MOR   126
              MCNEILL,A.
              LAB FEE $3.00
GEOG   155       INTRO TO HUMAN GEOG       D       3CR
      1S     081014 MWF 11.15-12.45    MOR   126
                    TUTH 11.15-12.45   MOR   126
              MCNEILL,A.
              LAB FEE $3.00
GEOG   391A      SEM-GEOG/OUTDR REC                3CR
      1S     081197 MTUWTHF 9.30-11.00 MOR4  258
              MCNEILL,A.
              LAB FEE $6.00
GEOG   392A      SEM-GEOG OF ENVRMT                3CR
      1F     081375 MWF 11.15-12.45    MOR4  258
                    TUTH 11.15-12.45   MOR4  258
              MCNEILL,A.
              LAB FEE $6.00


G-E-R-M-A-N

GERMAN 110       ELEMENTARY GERMAN                 3CR
      1F     081553 MTUWTHF 7.45-9.15  HERT  112
GERMAN 120       ELEMENTARY GERMAN                 3CR
      1S     081731 MTUWTHF 7.45-9.15  HERT  114
GERMAN 190B      ELEM BUS GERMAN I                 3CR
      1F     081919 MTUWTHF 9.30-11.00 HERT  212
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DEPT COURSE SCHEDULE     TITLE              CORE CR
       SEC NUMBER     MEETING TIMES     BLDG ROOM

GERMAN 190C     ELEM BUS GERMAN II                 3CR
      1S     082096 MTUWTHF 9.30-11.00 HERT  212
GERMAN 232      INTERMEDIATE GERMAN                3CR
      1F     082274 MTUWTHF 9.30-11.00 HERT  112
GERMAN 409      GRAD READING COURSE                0CR
      1F     082452 MWF 11.15-12.45    HERT  110
                    TUTH 11.15-12.45    HERT  110

H-I-S-T-O-R-Y

HIST   141      EUR HIST 1815-PRESNT       C    3CR
      1S     082630 MTUW 19.00-21.30   HERT  207
              SHIPLEY,N
HIST   150      DEV AMER CIV TO 1876       C    3CR
      1F     082818 MTUWTHF 9.30-11.00 HERT  210
              RICHARDS,L.
      2S     082846 MTUWTHF 9.30-11.00 HERT  210
              STORY,R.
HIST   151      DEV AMER CIV 1876 ON       C    3CR
      1F     083028 MTUW 19.00-21.30   HERT  206
              TAGER,J.
      2S     083056 MTUWTHF 7.45-9.15  HERT  206
              THOMPSON,J.
HIST   282H     JEWISH HOLOCAUST           C    3CR
      1S     083234 MWF 11.15-12.45    HERT  206
                    TUTH 11.15-12.45    HERT  206
              GERSTEIN,M.
HIST   316      HISTORY OF RUSSIA II       C    3CR
      1F     083412 MTUWTHF 7.45-9.15  HERT  210
              JONES,R.
HIST   333      MEDIEVAL ENGLAND           C    3CR
      1S     083595 MTUWTHF 9.30-11.00 HERT  206
              WARE,R.D.
HIST   373      AMER THOT & CULTURE        C    3CR
      1F     083773 MWF 11.15-12.45    HERT  210
                    TUTH 11.15-12.45    HERT  210
              CANTOR,M.
HIST   597A     SP TPC-RUSSIA II                   3CR
      1F     083951 MTUWTHF 7.45-9.15  HERT  210
              JONES,R.
HIST   597B     SP TPC-AM THOT/CULT                3CR
      1F     084133 MWF 11.15-12.45    HERT  210
                    TUTH 11.15-12.45    HERT  210
              CANTOR,M.
HIST   597C     SP TPC-MEDVL ENG                   3CR
      1S     084311 MTUWTHF 9.30-11.00 HERT  206
              WARE,R.D.

I-T-A-L-I-A-N

ITAL   126      INTENS ELEM ITALIAN                6CR
      1F     084494 MTUWTHF 7.45-11.00 HERT  108
              TERRIZZI,A.

J-O-U-R-N  S-T-U-D-I-E-S

JS     200      INTR NEWS & RPTNG                  3CR
      1X     084672 MTUWTHF 9.00-12.00 BART  109
              CLASS MEETS JULY 7 THRU JULY 25
              ZIFF,H.
              LAB FEE $15.00
JS     291S     SEM-EDTG SPEC PUB                  3CR
      1X     084850 MWF 19.00-22.00    BART  107
                    TUTH 19.00-22.00    BART  107
              CLASS MEETS JULY 7 THRU JULY 25
              BOWMAN,J.

L-A-T-I-N

LATIN  110A     INTENS ELEM LATIN                  5CR
      1F     085032 MTUWTHF 9.30-12.00 HERT  107
LATIN  140A     INTENS INTERMED LAT                5CR
      1S     085210 MTUWTHF 1.00-3.30  HERT  222
LATIN  140C     INTENS INTERMED LAT                5CR
      1F     085393 MTUWTHF 1.00-3.30  HERT  222
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DEPT COURSE SCHEDULE     TITLE              CORE CR
       SEC NUMBER     MEETING TIMES     BLDG ROOM

L-I-N-G-U-I-S-T-I-C-S  (-M-.-A-. & P-H-. D-.-)
LING   101      PEOPLE&THEIR LANGUAG       C    3CR
      1F     085571 MTUWTHF 9.30-11.00 HERT  111
              BURKE,V.

M-E-C-H-A-N-I-C-A-L  E-N-G-I-N-E-E-R-I-N-G

M E    210      MECHANICS I                        3CR
      1F     085759 MWF 11.15-12.45    GOES  151
                    TUTH 11.15-12.45    GOES  151
M E    211      MECHANICS II                       3CR
      1F     085937 MTUWTHF 7.45-9.15  GOES  151
M E    230      THERMODYNAMICS I                   3CR
      1F     086119 MTUWTHF 9.30-11.00 GOES  151
M E    310      MECHANICS III                      3CR
      1F     086292 MWF 11.15-12.45    GOES  152
                    TUTH 11.15-12.45    GOES  152
M-A-T-H-E-M-A-T-I-C-S

MATH   104      ALG/ANAL GEOM/TRIG                 3CR
      1X     086470 MTUWTH 7.45-8.45   GTWR  323
              CLASS MEETS JUNE 3 THRU AUGUST 14
MATH   120      MATH FOR BUSINESS I        E    3CR
      1F     086658 MTUWTHF 9.30-11.00 GTWR  321
MATH   121      MATH FOR BUSINESS II       E    3CR
      1F     086836 MTUW 11.15-12.45   GRES  201
                    TUTH 11.15-12.45   GRES  201
      2S     086864 MTUWTHF 9.30-11.00 GTWR  321
MATH   127      CALC LIFE-SOC SCI I        E    3CR
      1F     087046 MTUWTHF 7.45-9.15  GTWR  321
MATH   128      CALC LIFE-SOC SCI II       E    3CR
      1S     087224 MTUWTHF 7.45-9.15  GTWR  321
MATH   131      CALC I                     E    4CR
      1X     087402 MTUWTH 11.15-12.30 GTWR  315
              CLASS MEETS JUNE 3 THRU AUGUST 21
MATH   132      CALC II                    E    4CR
      1X     087585 MTUWTH 11.15-12.30 GTWR  321
              CLASS MEETS JUNE 3 THRU AUGUST 21
MATH   233      MULTIVAR CALCULUS          E    3CR
      1X     087763 MTUWTH 11.15-12.30 GTWR  323
              CLASS MEETS JUNE 3 THRU JULY 31
MATH   235      INTRO LIN ALG              E    3CR
      1X     087941 MTUWTH 9.30-10.45  GRES  201
              CLASS MEETS JUNE 3 THRU JULY 31
MATH   236      INTRO LIN ALG & LAB        E    4CR
      1X     088123 MTUWTHF 9.30-10.45 GRES  201
              CLASS MEETS JUNE 3 THRU AUGUST 1
              LAB BY ARRANGEMENT.
MATH   411      INTRO MOD ALG I            E    3CR
      1X     088301 MTUWTH 7.45-9.00   GTWR  315
              CLASS MEETS JUNE 3 THRU JULY 31
MATH   431      ORD DIF EQ/SCI ENG         E    3CR
      1X     088484 MTUWTH 9.30-10.45  GTWR  315
              CLASS MEETS JUNE 3 THRU JULY 31
M-A-N-A-G-E-M-E-N-T

MGT    301      PRINCIPLES OF MGT                  3CR
      1F     088662 MTUWTHF 7.45-9.15  HERT  116
              SCHEEN,K.
      2S     088690 MTUWTHF 7.45-9.15  HERT  116
              MITCHELL,E
MGT    314      PERSONNEL MANAGEMENT               3CR
      1F     088878 MTUW 19.00-21.30   HERT  107
MGT    330      MANAGERIAL BEHAVIOR                3CR
      1F     089050 MWF 11.15-12.45    HERT  212
                    TUTH 11.15-12.45    HERT  212
MGT    331      ADMIN THEORY                       3CR
      1S     089238 MWF 11.15-12.45    HERT  114
                    TUTH 11.15-12.45    HERT  114
MGT    347      PRODUCTION MGT I                   3CR
      1S     089416 MWF 11.15-12.45    HERT  212
                    TUTH 11.15-12.45    HERT  212
MGT    365      BUS & ITS ENVIRON                  3CR
      1S     089599 MTUWTHF 9.30-11.00 HERT  116
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DEPT COURSE SCHEDULE     TITLE                CORE CR
        SEC NUMBER     MEETING TIMES       BLDG ROOM

M-A-R-K-E-T-I-N-G

MKTG   301      FUND OF MKTG                      3CR
      1F     089777 MTUWTHF 9.30-11.00 HERT  211
      2S     089800 MWF 11.15-12.45    HERT  210
                    TUTH 11.15-12.45   HERT  210
MKTG   422      MKTG COMMUNICATIONS               3CR
      1S     089983 MTUWTHF 9.30-11.00 HERT  202
M-U-S-I-C

MUSIC  100      APPRECIATION-INTRO          C     3CR
      1F     090168 MTUWTHF 9.30-11.00 FAC   248
              CHESTNUT,W.
MUSIC  113      ELEM MUSIC THEORY           C     3CR
      1F     090346 MTUWTHF 7.45-9.15  FAC   150
              BEESLEY
MUSIC  595A     SEM-MUS THEATR/EDUC               3CR
      1X     090524 MTUWTHF 9.00-11.30 FAC   154
              CLASS MEETS JULY 7 THRU JULY 18
              HEFFERNAN
MUSIC  613      MUS LIT 1890-PRESENT              3CR
      1X     090702 MTUWTHF 1.00-3.00  FAC   150
              CLASS MEETS JULY 7 THRU AUGUST 1
              BOYER,J.

P-H-Y-S  E-D-,  S-C-H-O-O-L  O-F

P E    G01      PE 100 INTER SWIM                 1CR
      1F     091067 MTUWTH 11.15-12.45 NCPE POOL
      2S     091095 MTUWTH 11.15-12.45 NCPE POOL
P E    G05      PE 100 WTR SFTY INST              2CR
      1F     091273 MTUWTH 9.30-11.00  NCPE POOL
      2S     091306 MTUWTH 9.30-11.00  NCPE POOL
P E    G16      PE 100 JOG & COND                 1CR
      1F     091489 MTUWTH 7.45-9.15   BOYD  301
      2S     091512 MTUWTH 7.45-9.15   BOYD  301
P E    G17      PE 100 COND & WT TR               1CR
      1F     091695 MTUWTH 9.30-11.00  BCYD    8
      2S     091728 MTUWTH 9.30-11.00  BCYD    8
P E    G21      PE 100 JOG & SELF AW              1CR
      1F     091906 MTUWTH 7.45-9.15   BOYD  301
      2S     091934 MTUWTH 7.45-9.15   BOYD  301
P E    G37      PE 100 KARATE                     1CR
      1F     092116 MTUWTH 9.30-11.00  BCYD  237
P E    G44      PE 100 IYENGAR YOGA               1CR
      1F     092299 MTUWTH 11.15-12.45 BOYD  237
      2S     092322 MTUWTH 11.15-12.45 BOYD  237
P E    G58      PE 100 FENCING I                  1CR
      1F     092500 MTUWTH 9.30-11.00  NCPE    8
      2S     092538 MTUWTH 9.30-11.00  NCPE    8
P E    G66      PE 100 TENNIS I                   1CR
      1F     092716 MTUWTH 7.45-9.15   BOYD  CTS
      2F     092744 MTUWTH 9.30-11.00  BCYD  CTS
      3S     092772 MTUWTH 7.45-9.15   BOYD  CTS
      4S     092805 MTUWTH 9.30-11.00  BCYD  CTS
P E    G67      PE 100 TENNIS II                  1CR
      1F     092988 MTUWTH 9.30-11.00  BOYD  CTS
      2F     093015 MTUWTH 11.15-12.45 BCYD  CTS
      3S     093043 MTUWTH 9.30-11.00  BOYD  CTS
      4S     093071 MTUWTH 11.15-12.45 BCYD  CTS
P E    G71      PE 100 RACQUETBALL                1CR
      1F     093259 MTUWTH 7.45-9.15   BOYD  CTS
      2S     093287 MTUWTH 7.45-9.15   BCYD  CTS

P-R-O-F  P-R-E-P-A-R-A-T-I-O-N I-N P-H-Y-S  E-D

PEP    497A     SP TPC-ATHL INJ                   3CR
      1F     093465 MW 19.00-22.00     BOYD  249
              CLASS MEETS JUNE 3 THRU JULY 21
              WILLIAMS,R.
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DEPT COURSE SCHEDULE     TITLE                CORE CR
        SEC NUMBER     MEETING TIMES       BLDG ROOM

P-H-I-L-O-S-O-P-H-Y

PHIL   100      INTRO TO PHIL               C     3CR
      1F     093643 MTUW 19.00-21.30   HERT  113
              ROBISON,J.
PHIL   110      INTRO TO LOGIC              E     3CR
      1F     093821 MTUWTHF 9.30-11.00 HERT  202
              ACKERMANN,R.

P-H-Y-S-I-C-S

PHYSIC 119      PHYS APPLD TO CON PR        E     3CR
      1F     094003 MTUW 9.30-12.00    GTWR  206
              KALKSTEIN,M.
      2S     094031 MTUW 19.00-21.30   GTWR  115
              KALKSTEIN,M.
PHYSIC 141      PHYS-LIFE SCI MAJ I         E     4CR
  LEC 1F     094219 MTUWTHF 9.30-11.00 HAS   124
              HERTSBACH,S.
              LAB FEE $3.75
  LAB 1F     094269 M 1.00-4.00        HAS   212
      2F     094297 TU 1.00-4.00       HAS   212
PHYSIC 142      PHYS-LIFE SCI MAJ II        E     4CR
  LEC 1S     094475 MTUWTHF 9.30-11.00 HAS   124
              LAB FEE $3.75
  LAB 1S     094520 M 1.00-4.00        HAS   212
      2S     094558 TU 1.00-4.00       HAS   212

P-L-A-N-T  &  S-O-I-L  S-C-I-E-N-C-E-S

PLSOIL 120      CRG FARM & GARDENG          E     3CR
      1X     094736 MTUWTHF 8.30-11.30 BCWD  209
              CLASS MEETS JUNE 3 THRU JUNE 20
              ENGLISH,J.                  KOWAL,J.
              LAB FEE $8.00
PLSOIL 697A     SP TPC - MAPPING/CLASS F          3CR
      1F     094914 MWF 11.15-12.45    STK   114
                    TUTH 11.15-12.45   STK   114
              VENEMAN,P.

P-O-L-I-T-I-C-A-L  S-C-I-E-N-C-E

POLSCI 101      AMERICAN-POLITICS           D     3CR
      1S     095091 MTUW 19.00-21.30   HERT  116
              TELLING,D.
POLSCI 141      PROB-CONTEMP POLITCS        D     3CR
      1F     095279 MTUWTHF 9.30-11.00 HERT  209
              POLITICAL MISBEHAVIOR
              KLINE,J.
POLSCI 255      AMER FOREIGN POLICY         C     3CR
      1S     095457 MWF 11.15-12.45    HERT  202
                    TUTH 11.15-12.45   HERT  202
              KLEIN,B.
POLSCI 302      AMERICAN PRESIDENCY         C     3CR
      1S     095635 MTUWTHF 9.30-11.00 HERT  201
              SCHOOLMAN,M.
POLSCI 374      ISSUES/CONT POL THRY        D     3CR
      1F     095813 MWF 11.15-12.45    HERT  207
                    TUTH 11.15-12.45   HERT  207
              SCHOOLMAN,M.

P-S-Y-C-H-O-L-O-G-Y

PSYCH  100A     ELEMENTARY PSYCH            D     3CR
      1F     095996 MTUW 19.00-21.30   TOBN  622
PSYCH  100B     ELEMENTARY PSYCH            D     3CR
      1S     096178 MTUWTHF 7.45-9.15  TCBN  622
PSYCH  110      PSYCH AS NAT SCI            D     3CR
      1F     096356 MTUWTHF 9.30-11.00 TCBN  623
PSYCH  150      PSYCH SOCIOL SCI            D     3CR
      1S     096534 MTUWTHF 9.30-11.00 TCBN  623
PSYCH  205      EDUCATIONAL PSYCH           C     3CR
      1S     096712 MTUW 19.00-21.30   TCBN  307
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DEPT COURSE SCHEDULE     TITLE              CORE CR
       SEC NUMBER     MEETING TIMES     BLDG ROOM

PSYCH  240      STATISTICS IN PSYCH          E    3CR
     1F     096895 MTUWTHF 7.45-9.15   TCBN  520
PSYCH  241      METH INQRY IN PSYCH          D    3CR
     1S     097077 MTUWTHF 9.30-11.00  TCBN  520
PSYCH  280A     ABNORMAL PSYCH               C    3CR
     1F     097255 MTUW 19.00-21.30    TCBN  304
PSYCH  280B     ABNORMAL PSYCH               D    3CR
     1S     097433 MTUWTHF 7.45-9.15   TCBN  304
PSYCH  315      COGNITIVE PSYCH              C    3CR
     1F     097611 MWF 11.15-12.45     TCBN  622
                   TUTH 11.15-12.45     TCBN  622
PSYCH  350      CHILD BEHAV & DEVEL          D    3CR
     1S     097794 MWF 11.15-12.45     TCBN  622
                   TUTH 11.15-12.45     TCBN  622
PSYCH  355      ADOLESCENT PSYCH             D    3CR
     1F     097972 MTUWTHF 9.30-11.00  TCBN  622
PSYCH  360      SOCIAL PSYCHOLOGY            C    3CR
     1S     098154 MTUWTHF 7.45-9.15   TCBN  307
PSYCH  370      PERSONALITY                  D    3CR
     1F     098332 MWF 11.15-12.45     TCBN  520
                   TUTH 11.15-12.45     TCBN  520
PSYCH  391A     SEM-PSYCH OF REALITY         3CR
     1F     098510 MTUWTHF 7.45-9.15   TCBN  421


R-H-E-T-O-R-I-C

RHET   100C     RHET OF LANG AND WR          B    3CR
     1F     098693 MTUWTHF 9.30-11.00  HERT  114
RHET   100G     RHET OF LANG AND WR          B    3CR
     1S     098871 MTUW 19.00-21.30    HERT  106
RHET   110A     LANGUAGE & SPEAKING          B    3CR
     1F     099053 MTUWTHF 7.45-9.15   HERT  106
RHET   140      RHET OF IMAG WRIT            B    3CR
     1S     099231 MWF 11.15-12.45     HERT  110
                   TUTH 11.15-12.45     HERT  110


B-U-S-I-N-E-S-S  A-D-M-I-N-,  S-C-H-O-O-L  O-F

S BA   572      ADV FED TAX PROCED           3CR
     1F     099419 MTUWTHF 7.45-9.15   HERT  207
S BA   583      CPA LAW                      3CR
     1F     099592 MTUWTHF 9.30-11.00  HERT  201


S-O-C-I-O-L-O-G-Y

SOCIOL 103      SOCIAL PROBLEMS              D    3CR
     1F     099770 MTUWTHF 9.30-11.00  HERT  207
             SALTZ,R.
SOCIOL 104      URB LFT & INDST SOC          D    3CR
     1S     099958 MWF 11.15-12.45     HERT  209
                   TUTH 11.15-12.45     HERT  209
             ZEFF,J.
SOCIOL 107      CONT AMER SOC                C    3CR
     1S     100135 MTUW 19.00-21.30    HERT  107
             LEVINSON,D.
SOCIOL 224      SOCIAL STRATIFICATIO         D    3CR
     1S     100313 MTUWTHF 7.45-9.15   HERT  207
             EISENHANDLER,S
SOCIOL 242      DRUGS & SOCIETY              D    3CR
     1F     100496 MWF 11.15-12.45     HERT  209
                   TUTH 11.15-12.45     HERT  209
             MATYEYCHUK,W.
SOCIOL 381      SOCIETY&INDIVIDUAL           C    3CR
     1S     100674 MTUWTHF 9.30-11.00  HERT  207
             JURAVICH,T.
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DEPT COURSE SCHEDULE     TITLE              CORE CR
       SEC NUMBER     MEETING TIMES     BLDG ROOM

S-P-A-N-I-S-H

SPAN   110      ELEMENTARY SPANISH I         3CR
     1F     100852 MTUWTHF 7.45-9.15   HERT  224
SPAN   120      ELEMENTRY SPANISH II         3CR
     1S     101034 MTUWTHF 7.45-9.15   HERT  224
SPAN   126      ELEMENTARY-INTENSIVE         6CR
     1F     101212 MTUWTHF 7.45-11.00  HERT  222
SPAN   130      INTERMED SPANISH I           3CR
     1F             MTUWTHF  9:30-11:00

SPAN   140      INTERMED SPANISH II          3CR
     1S             MTUWTHF  9:30-11:00
SPAN   146      INTERMED INTENSIVE           6CR
     1S     101395 MTUWTHF 7.45-11.00  HERT  202


S-P-O-R-T  S-T-U-D-I-E-S

SPORST 200      SOC SPORT & PHYS ACT         D    3CR
     1S     101573 MTUWTHF 9.30-11.00  HERT  118
             KJELDSEN,E.
SPORST 565      SOCIOLOGY OF SPORT           3CR
     1S     101751 MTUWTHF 9.30-11.00  HERT  118
             KJELDSEN,E.
SPORST 597A     SP TPC-SPORTS LAW            3CR
     1S     101939 MWF 11.15-12.45     HERT  222
                   TUTH 11.15-12.45     HERT  222
             WONG,G.
SPORST 769      INTRNSHP IN SPT ADM         12CR
     1X     102111 BY ARRGT
             CLASS MEETS JUNE 3 THRU AUGUST 22
             MULLIN,B.                  LEWIS,G.
             LAB FEE $3.00


S-T-A-T-I-S-T-I-C-S

STATIS 121      ELEM STATISTICS              E    3CR
     1F     102294 MTUWTHF 9.30-11.00  GTWR  323
STATIS 140      STAT FOR BUS                 E    3CR
     1F     102472 MTUWTHF 7.45-9.30   GTWR  204
     2S     102503 MTUWTHF 9.30-11.00  GTWR  323


T-H-E-A-T-R-E

THEATR 100      INTRO TO THEATER             C    3CR
     1F     102688 MTUWTHF 7.45-9.15   HERT  114
     2S     102711 MTUWTHF 7.45-9.15   HERT  107
THEATR 140      BEG TECH IN PERFORM          3CR
     1F     102894 MTUWTHF 11.15-1.30  FAC   204
     2S     102927 MTUWTHF 11.15-1.30  FAC   204
THEATR 160      BEG TECH IN SCENOG           3CR
     1F     103109 MTUWTHF 9.30-11.00  FAC   203
     2S     103137 MTUWTHF 9.30-11.00  FAC   203


W-O-M-E-N-'-S  S-T-U-D-I-E-S

WOST   290B     WOMEN AND POETRY             3CR
     1S     103315 MTUWTHF 9.30-11.00  HERT  224
             DEMMIN,J.
             LAB FEE $5.00
WOST   290C     FEMINIST THERAPY             3CR
     1F     103498 MTUWTHF 9.30-11.00  HERT  224
             AYERS,M.
             LAB FEE $5.00
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BOSTON

BOSTON

Calendar Z Main Session A B Six-Week Sessions

ADVANCE REGISTRATION FOR

ALL SESSIONS: APRIL 21 - MAY 16*

CLASSES BEGIN	June 9 Monday	June 2 Monday	July 14 Monday
ADD/DROP DEADLINE	June 12 Thursday	June 5 Thursday	July 17 Thursday
HOLIDAYS	June 17 Tuesday	June 17 Tuesday	
	July 4 Friday	July 4 Friday	
PASS/FAIL DEADLINE	July 7 Monday	June 23 Monday	July 31 Thursday
WITHDRAWAL DEADLINE	July 7 Monday	June 23 Monday	July 31 Thursday
LAST DAY OF CLASSES	July 31 Thursday	July 10 Thursday	August 21 Thursday

IMPORTANT: The Six-week Sessions, A and B, are used to schedule courses given in sequence (for example, CHEM 103 — CHEM 104). Each course may be taken independently if prerequisites are satisfied.

Final Examinations will be given during the regular class period unless otherwise requested by the instructor.

For starting dates on special programs, please consult the course schedule.

*After this date, courses that do not have enough enrollment will be cancelled. Registrations for courses that have the minimum enrollment requirements will continue to be accepted until maximum capacity is reached.

REFUND SCHEDULE:

Prior to the first week of classes 100%
During the first week of classes (including the first day) 60%
During the second week of classes 20%
During the third week of classes . . . . . No Refund

Students must initiate refund procedure by notifying the Registrar's and Bursar's Offices.

BOSTON
Registration Information

Summer registration period starts Monday, April 21.

Walk-In Registration

Registration forms are available in the Registrar's Office, Plaza Level, Administration Building. *Do not* use the application that is included in this catalogue for Walk-In Registration. Students may register for summer courses by submitting the form *with payment* to the UMass/Boston Registrar's Office before May 16. The Registrar's Office is open for summer registration Monday through Friday, 9:30-3:30. All fees (not including Lab Fees) must be paid in full at time of registration. No registration will be accepted without the correct payment in full. Registration is on a space available basis. Do *not* include lab fees with payment.

Mail-In Registration

To reserve space in a course, fill out the registration form that is included in this catalogue and send it to the Registrar's Office along with *full payment* (excluding lab fees) *Please make out a separate check for course fees for each course that is being requested and a separate check for $19.50 for service fees (health, activities and athletics).* Submission of separate check payments for individual course fees allows the Registrar's Office to immediately return payment for an individual course that is no longer available. Any student who combines payments into one check does so at the risk of having the entire application returned or waiting until after Add/Drop period for a refund. All fees are subject to change. Registration will be accepted on a space available basis. *Full payment (excluding lab fees) must be included with the registration form.*
Students wishing to register by mail for Math courses should see procedure for taking the *Diagnostic Test* under Mathematics in the Course Description section of this catalog.

In addition every student will be required to include a payment of $19.50 to cover the following mandatory service fees:

Cancellations

The University reserves the right to cancel any course. All fees and tuition will be refunded in full to any student who pays for a course that is subsequently cancelled. Refunds cannot be processed until the end of the Add/Drop period.

Undergraduate Course Fees

Summer Undergraduate Course fee $30 per credit.*
In addition every student will be required to pay the following mandatory service fees. These remain the same regardless of the number of courses taken:

Student Health Fee $10
Student Activities Fee $7
Student Athletics Fee $2.50

Students taking summer courses on Nantucket Island exclusively are not required to pay the above service fees.

Graduate Course Fees

Summer Graduate Course fee $40 per credit. *
Regular summer fees (Health, Student Activities, and Athletics) will be paid by students taking summer graduate courses.

Regular summer fees (Health, Student Activities, and Athletics) will be paid by students taking summer graduate courses.

Graduate students are requested to register *in person* at the Registrar's Office.

Payment

Payment must be made in full before registration will be accepted. All bills should be paid by check. Make checks payable to the University of Massachusetts/Boston. No application will be accepted without payment in full.

Cash payments must be made at the Bursar's Office.

Payments by check should be turned in with the Registration Form to the *Registrar's Office.*

Refunds

Refunds cannot be processed until after the Add/Drop period. A student who *withdraws* from a course will be granted a refund according to the following schedule:

Prior to the first week of classes 100%
During the first week of classes (including 1st day) .60%
During the second week of classes. 20%
During the third week of classes . . . . . No Refund

The refund will be computed on the basis of the withdrawal date established by the Registrar's Office. Any student who does not attend any part of the session will be given a refund provided he notifies the Registrar's Office before the first day. It is the student's responsibility to initiate refund procedures. Non-attendance does not constitute a withdrawal. A valid withdrawal form must be filed with the Registrar.

Course cancellations by the University will be refunded in full. See *Cancellations* for complete information.

Lab Fees

Lab fees for applicable courses should be paid at the *Bursar's Office* on the first day of classes.

I. D. Cards

Students who do not hold a current valid I.D. Card can obtain one at the INFO Office (Bldg. II, 2nd floor, Rm. 414). There is a $1 charge for this service.

*Massacnusetts residency status does not affect summer fees.

Financial Aid

Only currently matriculated UMass/Boston students are eligible to apply for financial aid. In order to receive financial assistance for summer school 1980, the student *must be taking* a *minimum of 2 courses. No financial aid* will be allocated to any student carrying one course.

Grants and loans will be available to cover the cost of tuition, health, activities, and athletics fees. There will be no funds available for books and maintenance costs. Incoming freshmen are not eligible for summer financial aid.

Students interested in applying for Summer School financial aid must first submit the following forms on or before March 31, 1980:

1) Financial Aid Form (FAF) 1980-1981
2) NOTARIZED copy of 1979 tax return (1040 or 1040A)

In addition, a Summer School Clearance Form, available at the Financial Aid Office in April, must be submitted.

The last day to submit a Summer School Clearance Form is May 2, 1980. Students applying for Summer School financial aid must follow the procedures outlined below:

1) Pick up registration form in Registrar's Office and list courses for which he/she intends to register.
2) Bring registration form to Financial Aid Office.
3) Complete the Summer School Clearance Form available in the Financial Aid Office.
4) Verification of the clearance form requires a minimum of 24 hours, therefore the student should submit a clearance form as soon as possible so his/her registration can be confirmed.

BEOG

For those students who would like to use their Basic Educational Opportunity Grant (BEOG) for summer school, the Financial Aid Office must have a valid Student Eligibility Report (SER) on file for 1980-1981. In order to utilize the BEOG, the student must carry a *minimum* of *6 credits.* In using a portion of the BEOG, the student should understand that the portion used will be deducted from the entire academic year 1980-1981 award.

EXAMPLE: John's BEOG is $1162 for the academic year 1980-1981; he uses $92 for summer school, the award for the Fall and Spring semesters (½ each semester) will be $1070 ($535—Fall, 1980 and $535—Spring, 1981). This example assumes 12 credits for Fall and Spring semesters.

Those students who entered UMass/Boston in January, 1980 and who carry a minimum of 6 credits for summer school may use a portion of the BEOG that was not utilized because they were not in attendance and/or did not use this portion of the grant at any other institution during the Fall, 1979 semester. If this applies to any student, he/she will be required to sign a form attesting to this before the BEOG will be processed for summer school assistance.

WORK-STUDY

Financial aid is also available in the form of full-time College Work Study for the summer. A student does not have to go to summer school in order to apply for College Work Study.

If there are any questions regarding this procedure for summer school assistance, please call the Financial Aid Office.

Payment by Outside Agencies

Students whose bill is to be paid by an outside agency must include this fact on their application. These applications must be certified for clearance by the Bursar's Office. Clearance is granted only if proof of coverage is on file with the Bursar. Specific authorization from an agency must be on file before clearance can be granted for registration.

Veteran's Benefits

UMass/Boston students now receiving educational benefits through the Veterans' Administration and who wish to continue these benefits during the summer session should contact the Office of Veterans' Affairs for summer certification. Non-UMass/Boston summer students who are eligible for educational benefits and who desire to use them must contact the Office of Veterans' Affairs.

Tuition waivers for Massachusetts veterans are *not* accepted for the summer session, with the exception of graduate level courses. All fees must be paid in full by the veteran.

BOSTON
Academic Information

Adding or Dropping Courses

Students may add or drop any course during the first four academic days of the session without notation in their record. For Add/Drop deadlines consult the UMass/Boston summer calendar in this booklet.

Withdrawing from Courses

Students withdrawing from courses after the Add/Drop deadline receive a grade of "W". Withdrawal cards may be obtained in the Registrar's Office. No withdrawals are accepted after 4 p.m. on the last day of the withdrawal period. Refunds are processed where applicable (see refund schedule under Registration Procedures).

Pass/Fail Option

A total of eight courses may be taken Pass/Fail by a regular UMass/Boston student while completing an undergraduate degree. During the summer only ONE course can be taken on a Pass/Fail basis provided that the student is carrying a minimum of six credits or two courses. It is understood that a summer course taken on a Pass/Fail basis counts toward the maximum allowed number of eight. Students enrolled in a course designated as Pass/Fail may not take another course Pass/Fail during the same summer. Any student submitting two Pass/Fail cards in one summer will not be allowed to take either course on a Pass/Fail basis. A Pass/Fail card, once submitted, cannot be withdrawn after the deadline. Pass (P) grade is added to graduation credits but not to quality points or cumulative average. Fail (F) is included in quality points or cumulative average as a regular "F".

Independent Study

Only UMass students may register for Independent Study and must do so through the Scheduling Office, located in the Registrar's Office, after satisfying any departmental prerequisite(s). The course fee for Independent Study is $31.25 per credit. Students taking Independent Study during the summer pay regular service fees.

Final Examinations

Final examinations are given during the regular class time unless otherwise requested by the instructor.

Grades

Grades shall be reported according to the following letter system:

A	4.0	D+	1.25
A–	3.75	D	1.0
B+	3.25	D–	.75 (minimum passing grade)
B	3.0	F	.00 (Failure)
B–	2.75	Inc	Incomplete
C+	2.25	Pass	Passing (Pass/Fail Option)
C	2.0	Y	Interim grade in a declared year long course
C–	1.75		

The grade of Incomplete shall be reported only when a portion of the assigned or required class work, or the final examination, has not been completed because of the student's serious illness, extreme personal circumstances, or for scholarly reasons at the request of the instructor. If the student's record is such that he would fail the course regardless of the result of the missing work, he will receive an *F*. A student can obtain credit for an incomplete taken in the summer term only by finishing the work of the course by the end of the following summer term. If the work is not completed by this time, the grade will be changed to an *F*. The initiative for removal of the incomplete grade rests with the student.

An incomplete on a final grade report is not calculated in arriving at a temporary quality point average. When the incomplete is later converted to a grade, the quality points are changed and the student is notified.

Once a grade is submitted, it cannot be changed except on approval of the Department Chairperson.

Grade Point Average

Quality points are assigned to course grades as demonstrated above. The numerical equivalent following each grade indicates the quality points. The quality points for each grade are multiplied by the number of credits for the course, and the totals for all courses are added to arrive at the number of cumulative quality points. The number of cumulative quality points is divided by the number of cumulative credits carried to arrive at the cumulative quality point average. A "P" is not counted in the cumulative average.

Academic Advising

Academic advising for summer students is offered in each of the Colleges. For specific locations, see Annotated Directory in this catalogue.

Maximum Load for Summer

During the summer UMass/Boston students are not allowed to enroll for more than 3 regular courses unless they have a minimum 3.0 grade point average *and* the approval of their academic advisor.

Transcripts

All students who wish a transcript of their grades sent to another school must complete a transcript request in the Registrar's Office. UMass/Boston students receive transcripts under the present University policy. The first two transcripts are free, each additional transcript costs $1. Non-UMass/Boston students will receive one free transcript, with each additional copy costing $1.

Regulations

Normal University regulations apply during the summer session, unless otherwise specified. Students are advised to consult the Student Handbook available at the Info Center in Building 020.

Credit

All courses carry full academic credit, and are equivalent in method, content and credit to courses offered at the University during the regular academic year. Credits obtained in these courses are ordinarily accepted as transfer credit by other colleges.

Summer Athletic Activities

Sailing Program

Sailing instruction is offered starting June 16th through August 15th, Monday through Friday (weather and tide conditions permitting). Students interested must first take a basic swim test in order to register for instruction. Appropriate certification is awarded according to level of proficiency achieved. Eight Mercury sailboats and eight rowing dories are available for use at the sailing dock located adjacent to the pumphouse near the Library.

Swimming Program

Three levels of swimming instruction are offered this summer. The three courses are beginners, intermediate and also an Advanced Lifesaving Course.

Beginners and Intermediate	Mon. & Weds. 1:30-2:30 p.m. June 16-August 6
Advanced Lifesaving	Tues. & Thurs. 1:30-2:30 p.m. June 16-July 31

All courses are recognized and given in conjunction with the American Red Cross. Appropriate certification is awarded at the completion of the course.

Indoor Facilities

Swimming Pool
Handball and Squash Courts
Gymnasium
Weight room

Outdoor Facilities

Two athletic fields marked for football, soccer, softball, volleyball and horseshoes.

Special outdoor and indoor tournaments are scheduled during the summer including racketball, handball and tennis.

For further information contact: The Athletic office
Bldg. 2 2nd floor Rm. 617.
Ext. 2449

BOSTON Annotated Directory

University Offices

Registrar's Office UMass/Boston

Frank Casey, Registrar
David Cesario, Assistant Registrar
Administration Bldg., 1st floor, Ext. 2470

The Registrar's Office is responsible for registering all summer students, processing applications, scheduling courses and maintaining records of student grades and enrollments. Students interested in the Pass/Fail option, withdrawal from courses and initiation of refunds must consult the Registrar's Office.

Summer School Office

Maria Luisa Roberts, Director
Bldg. 11, 3rd floor, Rm. 615, Ext. 2180

The Summer School Office is responsible for the planning and supervising of the entire summer program. Although actual registration takes place at the Registrar's Office, the Summer School is set up to distribute information and resolve problems referred to this office by the Registrar's Office.

During the summer this office, in conjunction with the Student Activities Office, offers a variety of cultural events at the Harbor Campus, featuring a free film series of classic and contemporary films, lectures, art exhibits and musical and theatrical presentations.

INFO Booth

Bldg. II, 1st floor lobby

The INFO Booth serves the University by dispensing information regarding all University activites and functions. Students looking for classroom locations should consult the INFO Booth for assistance.

Student I.D. Cards

I.D. cards can be obtained at the INFO Office (Bldg. II, 2nd floor, Rm. 414) between 10 a.m. and 1 p.m each day.

Bursar's Office

Frank P. Dunton, Bursar
Administration Bldg.—2nd floor lobby
Hours 9 a.m.-3:30 p.m.

The Bursar's Office administers all student accounts. It handles billing, collections, processing receipts and financial aid grants, disbursing excess awards, and refunds for the student accounts throughout the academic year. All cash payments should be made directly to the Bursar's Office which provides receipts for use by other offices.

For summer session, payment for courses is made at the time of registration. Payments by check may be submitted directly to the Registrar's Office but cash payments and deferment clearances based on outside agency sponsorship must be made at the Bursar's Office.

Lab fee payments are made at the Bursar's Office during the first week of classes.

Refunds are not processed until after the Add/Drop period is over.

Financial Aid Office

Lana Brennan, Director
Administration Building—2nd floor

The Financial Aid Office provides assistance in the processing of grants, scholarships, loans and work-study awards. They are also responsible for the coordination of all student employment on campus.

For further information on who is eligible for financial aid and how to apply for it, check the section on Financial Aid under UMass/Boston Registration Procedures in this catalog.

Health Services

David L. Stockton, Director of Health Services
Administration Building—2nd floor

During the summer registered nurses and/or nurse/practitioners are on duty in the main facility of the Health Services Office during service hours. There are also limited laboratory facilities and a small medication program. Primary care physicians including gynecologists are available on an appointment basis and referrals to other special consultants are arranged when necessary. A variety of programs are sponsored by the Health Education Center. This center, staffed mostly by students, offers information on such subjects as Human Sexuality, Stress Management, Women's Health, and Nutrition.

Students enrolled in summer school programs are required to pay a summer health fee of $10 to use the Health Service during the duration of their program. By making an additional fee payment they may use the Service during the remainder of the summer. Students not enrolled in any summer school programs may also use the Health Service by paying the entire summer health fee ($20) at the beginning of the summer.

Academic Advising

Academic Advising and Tutorial Services are available through the Dean's Office of each college. Add-Drop and Withdrawal cards must be signed by an academic advisor of each college.

C. A. S. Academic Support Services
Bldg. II, 3rd floor, Rm. 625

C.M.P.S. Student Support Services
Science Bldg, 3rd floor, Rm. 173

Teacher Certification Program

John Conlon, Director
Bldg. II, 5th floor, Rm. 413

Students seeking careers in education should consult with this office during the first week of classes.

Student Activities Office

Heinz Bondy, Associate Vice-Chancellor for Student Affairs
Bldg. II, 5th floor, Rm. 425

Student Activities offers students a chance to participate in extra-curricular activity at the University. Funding is provided by the Student Activities Fee and Administered by the Student Activities Committee, known as "S.A.C."

The summer fee provides funds for social and cultural events and student media services. S.A.C. sponsors social events with entertainment and refreshments, reduced-price tickets for sporting and cultural events in the Boston area, recreational facilities for both the Harbor Campus and Park Square Campuses, and free film lecture series (students are invited to submit proposals to the Student Activities Committee, Bldg. II, 3rd floor, Rm. 425). The fee also makes possible the publication of the student newspaper, the *Mass Media,* and the broadcasting of WUMB Radio.

Information on social events, student ticket series, and other student services, including rental of lockers, is available at this office.

Institute of Learning and Teaching

Dorothy Berman, Director
Hannah Gilman, Administrative Assistant
Bldg. 1, 6th floor, Rm. 081

The ILT at UMass/Boston works with the University faculty and urban public school personnel to develop and implement a wide range of innovative educational projects. Current projects include work with high-school students in programs such as Flexible Campus and Another Course to College.

Career Planning and Placement Service Office

Donald F. Costello, Director
Ginger McCourt, Associate Director
Administration Bldg., 2nd floor, Rm. 012

The office is set up to help students and alumni in all stages of career planning and the job campaign, including skill identification, values clarification, goal setting, resume writing and effective interviewing. Its main objectives are to teach the process of career planning and to provide as many professional job opportunities as possible. For further information, call ext. 2255.

Athletics Office

Paul F. Finnegan, Director
Paul R. Pender, Assistant Director
Bldg. II, 2nd floor, Rm. 617

Athletic Facilities

Pending completion of our new Athletic Building, all athletic facilities are housed in Buildings I and II. Building I contains a swimming pool, four handball courts, a weight room and an exercise room. Located in Building II are a gymnasium, two handball courts, two squash courts and a weight room. Outdoor facilities include two athletic fields, the front field located near the Administration Building and the back one located behind Building I. Both are marked for football, soccer, softball, volleyball and horseshoes.

Special outdoor and indoor tournaments are scheduled during the summer including racketball, handball and tennis.

A summer sailing program is conducted at the Harbor Campus.

For further details on our summer sailing and swimming programs, see the section on Athletics in this catalogue.

Advocacy Center

Bldg. II, 1st floor, Rm. 414
Summer Hours: 9 a.m.-1 p.m.

The Student Advocacy Center, another service provided by the Student Activities Office, is an organization of students and professionals acting as ombudsman to help students resolve academic and social problems.

Disabled Student Center

Bldg. II, 1st floor, Rm. 429

The Resource and Counseling Center for Disabled Students provides a full range of counseling services to students as well as equipment which is available to meet the needs of any student who requests its services (e.g. Braille library, low-vision center and wheelchairs). All disabled students are welcome to enjoy the facilities and services offered at this center.

Child Care Center

Science Bldg. 1st floor, Rm. 012

Child care is available to students of UMass/Boston during the summer. The Child Care Center is housed in the Science Bldg., 1st floor, Rm. 012 in very attractive and spacious quarters. This program is operated by trained personnel and charges run on a subsidized fee scale. Children between the ages of 18 months and 7 years are eligible. For information call 287-1900, ext. 2440 or 2446.

Veterans' Affairs Office

William G. Joiner, Jr., Director
Administration Bldg., 1st floor, Rm. 117

The Veterans' Affairs Office assists all veterans in obtaining their educational benefits and helps them to resolve related problems. For further information, consult the section on Veteran's Benefits under UMass/Boston Registration Procedures.

Campus Police

Library—G-1 level

The campus police force is responsible for the security of the University. They also enforce parking regulations and assist in any emergency situations that arise. Call ext. 2111 for assistance during an emergency.

Library

Walter Grossman, Director

The University Library holds a book collection of approximately 250,000 volumes. The library currently receives more than 2,500 domestic and foreign journals and newspapers and maintains a growing collection of government documents and a fine arts and music library with listening carrels. The Science Library contains collections in Biology, Chemistry, Mathematics and Physics. There is also a small, special collection for the students and faculty of the College of Public and Community Service in the library in the mezzanine at 100 Arlington Street at Park Square.

Library hours during the summer are posted at the beginning of the summer term.

Cafeterias

Administration Bldg., G-2 level
Bldg. I, 3rd floor
Bldg. II, 3rd floor

During the summer two cafeterias operate on campus. One is located in the G-2 level of the Administration Building and is open during the day. The other is located on the 3rd floor of Building II.

LEARN TO SAIL!

SUMMER SAILING PROGRAM

UMASS BOSTON
ATHLETIC DEPT.

Campus Pub

Bldg. I, 3rd floor

Beer, wine, beverages, sandwiches and pizza will be served from 12 to 3 Monday through Thursday.

Housing Information

Administration Bldg., 3rd floor, Rm. 30

The University is a commuter campus with no residential facilities for students. The Office of Housing and Transportation has rental information available to interested persons.

Transportation & Parking

Free and frequent shuttle bus service is provided between the Campus and Columbia Station on the MBTA Red Line (see map). There is free bus service from the Harbor Campus to the Park Square Campus.

Parking is available in our two underground garages. All vehicles are required to pay $1.50 per day to park in the garage. A discount card with ten tickets is also available at the Parking Booth for $10. Short-term rates are 50 cents for the first half hour, 50 cents for the next full hour; any time beyond one and a half hours will be charged at the $1.50 daily rate. (Motorcycles are charged at half rate.) Short-term passes must be obtained at the Information Booth on the Campus Road before entering the garage.

Bookstore

Administration Bldg., G-2 level

The campus bookstore carries textbooks required for University courses. A selection of non-required reading material, paper supplies, stationery, art supplies, UMass T-shirts and jackets, class rings, cards, cigarettes, candy and gift items is also available.

Campus Ministry

Rev. James Rafferty, Director
Bldg. II, 2nd floor, Rm. 622

The Campus Ministry provides daily morning prayer services on Mondays through Thursdays during the summer as well as a Mid-week Liturgy on Wednesdays. A chaplain is available from 9 a.m. to 1 p.m., Mondays through Thursdays.

BOSTON
Course Descriptions

The College of Arts and Sciences

The College of Arts and Sciences dynamically combines the traditional and the innovative. A strong central core of twenty-two Major disciplines is broadened by interdisciplinary concentrations and special programs.

During the summer a careful program of courses designed to represent all disciplines is offered in this college and is taught by our regular faculty. Careful consideration is given to courses that will help satisfy academic requirements.* In addition, some special summer programs have been developed to give students an opportunity to embark on new academic experiences.

*Academic support services, including tutorial help and diagnostic testing, are available in connection with the courses during the summer.

NOTE: Core courses marked with a "C" (ex. ANTH C103) fulfill the requirements for students under the New Core Curriculum.

AMERICAN CIVILIZATION

AMCIV C201 The Impact of American Communism on American Life: 1945-1960
An interdisciplinary approach to the intellectual, social, cultural and political ramifications of Anti-Communism in shaping American society and culture in the post World War II period. The course will not deal simply with the cold war foreign policy and political partisanship, but will explore the effects of Anti-Communism on the arts, literature, media, education and popular culture. Fiction, film, the theatre, autobiography, biography and contemporary journalism will provide the source material.
3 Lect Hrs 4 Credits

ANTHROPOLOGY

ANTH C102 Introduction to Archaeology and Biological Anthropology
Study of the biological and cultural heritage of humans. Topics include: primate and human evolution, human adaptation and variation and the evolution of prehistoric cultures. *Note: Enrollment in this course is not permitted for students who have already completed ANTH 101.*
3 Lect Hrs 4 Credits

ANTH C103 Introduction to Cultural Anthropology
Study of recent and contemporary human societies in cross cultural perspective. Ethnographic accounts are used to analyze and compare variations in cultural adaptations and processes of culture change. Note: ANTH 102 is not a prerequisite to ANTH 103. *Note: Enrollment in this course is not permitted for students who have already completed ANTH 101.*
3 Lect Hrs 4 Credits

ANTH 280 Special Topics: Islam and Revolutionary Movements in the Middle East
This course attempts to explore the nature of Islam as a unique and all-embracing cultural force in the Middle East. A tentative topical outline includes: a) the socio-political environment prior to Islam; b) a naturalistic explanation for the rise of Islam; c) successive conflicts and the ideological implications of a sectarian division in Islam; d) colonial era, revitalization movements and the struggle for independence; e) neo-colonialism and the emergence of Islam as a revolutionary ideology. Iran will be used as a case study.
3 Lect Hrs 3 Credits

ART

ART C100 Introduction to the Language of Art
The nature of form, content, technique, and style in painting, sculpture, architecture and graphic arts. Designed to sharpen the student's response to original works. Museum meetings alternated with lecture/discussions on key problems.
3 Lect Hrs 4 Credits

ART 175 Visual Fundamentals
Development of visual awareness through projects, lectures, discussions which use the camera and other media as a means of establishing new and creative relationships with a visual environment.
4 Combined Lect/Studio Hrs 4 Credits

ART C265 Film Analysis
This course is designed to contribute to the student's understanding and appreciation of film as both fine art and mass communication. Major emphasis is given to the elements of film language, the basic film types and certain major film styles. In order to make the films more accessible for close analysis and evaluation, special projection techniques are used which permit an encounter with the works that goes beyond the limits of the conventional theater and television viewing experience. Films studied will include examples of classic Hollywood, contemporary American, and foreign feature films.
3 Lect Hrs 3 Credits

The Impact of American Communisim on American Life (1945-1960)

Am. Civ. C201

M-W-Th 6 to 8:45 P.M.

June 16 - July 17

at Park Square Campus

ART 293 Photography I
This course introduces the student to basic issues in photography. Mechanics of the camera, techniques of the darkroom, and creative and personal import. Illustrated lectures, class critiques, and assigned lab hours. Some attention is given to the history of photography and its more significant creative impulses. Prerequistie: ART 100 or ART 175.
5 Combined Lect/Studio Hrs 3 Credits

BIOLOGY

BIOL C101 The Basis of Life
The uniqueness of life within the physical universe. The matter and energy of life, the genetic code, molecular biology, and the origin and evolution of life. An overview for students in the humanities and social sciences of those features which distinguish living organisms from non-living things.
No background in the natural sciences is required.
3 Lect Hrs, 1 Disc Hr 4 Credits

BIOL C102 Evolutionary Biology
Designed for students in the social sciences and humanities. Those areas of genetics, ecology and evolution that form a unified approach to the study of organisms and populations.
No background in the natural sciences is required.
3 Lect Hrs 4 Credits

BIOL C111 General Biology I
An integrated course stressing the principles of biology. Life processes are examined primarily at the molecular and cellular levels. Intended for students majoring in biology or for non-majors who wish to take advanced biology courses.
3 Lect Hrs, 3 Lab Hrs 4 Credits

BIOL C112 General Biology II
An integrated course stressing the principles of biology. Life processes are examined primarily at the organismal and population levels. Intended for students majoring in biology or for non-majors who wish to take advanced biology courses. Prerequisite: BIOL 111
3 Lect Hrs, 3 Lab Hrs 4 Credits

BIOL 200 Field Biology
(see description under Nantucket Program)

BIOL 232 Invertebrate Zoology
Evolution, ecology, life history and morphology of invertebrate animals. Emphasis placed on living representatives of local fauna, especially marine invertebrates. Prerequisite: BIOL 111 and BIOL 112
3 Lect Hrs, 6 Lab Hrs 5 Credits

BIOL 381 Field Methods and Techniques
(see description under Nantucket Program)

BIOL 483 Structure and Function of Plankton Ecosystems
(see description under Nantucket Program)

BLACK STUDIES

BLKSTY 110 Introduction to Black Studies I
An introduction to the key issues in Black Studies. An outline of the history of Blacks in America, Canada, the West Indies and the United States to 1865.
3 Lect Hrs 4 Credits

CHEMISTRY

CHEM C103 Chemical Principles I
Introduction to the fundamental principles of Chemistry including structure, the periodic table of the elements, chemical bonding and molecular structure, states of matter based on kinetic theory, chemical kinetics, equilibria, and elementary thermodynamics. Laboratory work presents an introduction to methods of quantitative chemical techniques.
3 Lect Hrs, 3 Lab Hrs, 1 Disc Hr 5 Credits

CHEM C104 Chemical Principles II
Introduction to electrochemistry, oxidation-reduction reactions, acid-base systems, and a survey of the chemical properties of elements based on principles already introduced. Laboratory work presents qualitative and quantitative analysis. Prerequisite: CHEM 103.
3 Lect Hrs, 3 Lab Hrs, 1 Disc Hr 5 Credits

CHEM 253 Organic Chemistry I
An intensive survey of structure, reactions and synthesis of the main classes of organic compounds. Laboratory illustrates the preparation, purification and identification of organic compounds by classical and instrumental methods. Prerequisite: CHEM 104.
3 Lect Hrs, 3 Lab Hrs, 1 Disc Hr 5 Credits

CHEM 254 Organic Chemistry II
An intensive survey of structure, reactions and synthesis of the main classes of Organic Compounds. Laboratory illustrates the preparation, purification and identification of organic compounds by classical and instrumental methods. Prerequisite: CHEM 253.
3 Lect Hrs, 3 Lab Hrs, 1 Disc Hr 5 Credits

CLASSICS

CLSICS 281 Greek and Roman Civilization I
A consideration of the major periods of ancient civilization through the reading of literary masterpieces supplemented by lectures on cultural and historical backgrounds: Including: Homer, The Tragedians (Aeschylus, Sophocles, Euripides) Aristophanes, Plato (Greece). Introduction to archaeological and artistic materials. This course and CLSICS 282 initiate the suggested sequence of classics 'in translation'.
3 Lect Hrs 4 Credits

ECONOMICS

ECON 101 Introductory Economics I
A broad introductory survey in which special attention will be given to the role of economic principles in analyzing and understanding current economic problems. Emphasis will be on the functioning of markets and on examining the behavior of individual economic units such as the business firm and the consumer (micro-economics). Other areas of emphasis will vary from section to section and include: industrial organization, income distribution, international trade, economics of the environment and other topics. *Note: Students who have taken* ECON 100: Economic Literacy *may not take ECON 101 for credit.*
3 Lect Hrs 4 Credits

ECON C102 Introductory Economics II
A broad introductory survey in which special attention will be given to the role of economic principles in analyzing and understanding current economic problems. Emphasis will be on examining the overall functioning of the economy and dealing with such matters as unemployment, inflation and recession. Other areas of emphasis will vary from section to section and include economics of government spending and taxation, economic development, alternative economic systems and other topics.
3 Lect Hrs 4 Credits

ECON 125 Introduction to Marxist Analysis
Introduction to Marxist economic analysis, gives students an initial exposure to the basic concepts and methods of analysis of Marxist economics. Several themes and concepts will run throughout the course; these include the processes of alienation and exploitation, the operation of contradictions and the role of dialectics, and the role of the state in capitalistic societies.
3 Lect Hrs 4 Credits

ECON 201 Economic Theory II, Microeconomics
Analysis of consumer behavior, the theory of production equilibrium of the firm and the industry, market structures and the pricing of factors of production.
Prerequisite: ECON 101.
3 Lect Hrs 3 Credits

ECON 330 The Political Economy of Money
An economic analysis of financial institutions and markets in the American economy. Institutional and economic factors in the determination of the money supply are studied, including the commercial banking system, the Federal Reserve system, and the money and capital markets. Concentration on the theory and evidence concerning the demand and supply of money and its effects on the American economy. The debate between the monetarists and the fiscalists, and current monetary issues. Prerequisite: ECON 200.
3 Lect Hrs 3 Credits

EDUCATION/TEACHER CERTIFICATION PROGRAM (TCP)

While UMass/Boston has no formal Department of Education, the following courses are among those approved by the Commonwealth's Bureau of Teacher Certification as Education Courses:
Philosophy 130, Philosophy of Education
Psychology 245, Educational Psychology
For schedules and course descriptions, look under individual departments.

TCHCER 589 Issues in Elementary School Curriculum
The course surveys the goals, structures, learning theories and philosophies in elementary education. Within that framework, it focuses on instruction in the language arts, reading and math. Concentrating on specific curriculum, methods and materials of those subjects. Some in-school fieldwork will be arranged.
3 Lect Hrs 4 Credits

ENGLISH

ENGL 101 Freshman English I
Practice in writing on various kinds of topics chosen to develop students' confidence and ability as writers. Readings and materials will vary from section to section, but all sections require a minimum of eight papers.
3 Lect Hrs 4 Credits

ENGL 102 Freshman English II
Practice in writing on kinds of topics often encountered in college courses. Readings and materials will vary from section to section, but all sections require a minimum of seven papers. Prerequisite: ENGL 101 or equivalent.
3 Lect Hrs 4 Credits

ENGL 200 Practical Criticism
Close reading of a limited number of works as an introduction to literary studies. Special attention to writing.
3 Lect Hrs 4 Credits

ENGL C204 The Nature of Literature: Fiction
An introduction various critical approaches to the understanding and appreciation of fiction. Close reading of short stories and novels with special attention to the language and forms of fiction, as well as to the writing of critical and interpretive papers. By a comparison of fiction, both to the visual arts (e.g. point of view, setting, imagery) and to music (e.g. prose rhythm, duration, thematic repetition, and variation) the course will provide an introduction to the general area of The Arts. Prerequisite: Sophomore standing.
Core area: The Arts 4 Credits

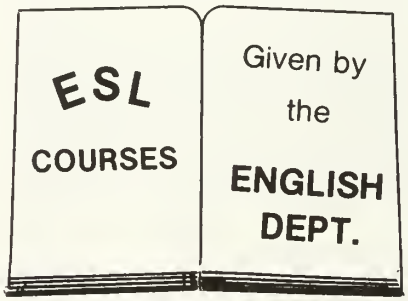
ENGL 222 Introduction to Shakespeare
A one-semester introduction to Shakespeare's art through the study of a representative group of his plays. Special attention to writing.
3 Lect Hrs 4 Credits

ENGL 302 Creative Writing I
Techniques and forms of fiction and classroom discussion of student manuscripts and frequent conferences. Prerequisite: Permission of Instructor.
3 Lect Hrs 3 Credits

ENGL 400 Jane Austen and the Brontes
This course will be a comparative study of select novels by Jane Austen and Charlotte and Emily Bronte. We will explore their choices of themes and situations and their development of characters. We will consider their presentation of the position of women in relationship to ideas and issues current in their age. And we may dare to speculate how each is trying to define for herself a distinctively women's voice, or possibly a voice for women, in and through literature.
3 Lect Hrs 3 Credits

ENGL 718 History of the English Language
(see description under Graduate Studies)

ENGL 741 Romantic Literature
(see description under Graduate Studies)



English As A Second Language Program
The program in English As A Second Language serves the linguistic and advising needs of students whose first language is not English. The program is part of the English department curriculum. During the academic year, a variety of courses in reading, speaking/listening, and composition are offered at different levels to meet the various needs of entering students. During the summer, the ESL program is offering courses at the pre-Freshman and Freshman levels of composition. Since all the courses require reading and the classes are, of course, conducted in English, students will be able to work on all skills—reading, speaking/listening, and writing—while emphasizing composition. Students who have never taken an ESL course at UMass/Boston will be required to take the Michigan Test of English Language Proficiency before enrolling in any ESL course. The test can be taken any weekday by appointment (call 617-287-1900, ext. 2711) and is free. For ESL course schedule, see English Dept. schedule.

ENGL 100D Advanced Fundamentals of English Grammar — ESL
A pre-Freshman intermediate writing course. There will be some readings but the emphasis will be on improving control of grammar in writing and on writing well-organized paragraphs. A student completing this course will be prepared to enroll in Freshman Composition for ESL Students (ENGL 101E).
3 Lect Hrs 4 Credits

ENGL 101E Freshman English I — ESL
A Freshman level composition course designed especially for students of English As A Second Language. There will be readings, discussions and practice in writing on various topics chosen to develop students' confidence and ability as writers. The course will help students improve their grammatical accuracy.
3 Lect Hrs 4 Credits

ENGL 102E Freshman English II — ESL
The second semester of Freshman composition for students of English As A Second Language. Emphasis will be on more difficult readings, using the library, and research skills. Attention will also be given to students' individual grammatical problems.
3 Lect Hrs 4 Credits

FRENCH

FRENCH C101 Elementary French I
Intensive practice in the four language skills, with an audiolingual approach, for students who have no creditable training in French.
4 Lect Hrs, 2 Lab Hrs 4 Credits

FRENCH C102 Elementary French II
A continuation of FRENCH 101. Intensive practice in the four language skills, with an audiolingual approach, for students who have completed FRENCH 101 or its equivalent.
4 Lect Hrs, 2 Lab Hrs 4 Credits

FRENCH C125 Intensive French I & II
Intensive work in the four language skills with concentration on an audio-lingual approach and an introduction to literature, for students with no creditable previous training in French who intend to continue their study of French language and literature at an advanced level. Students completing this course satisfactorily will be allowed to enter directly into courses at the 200 level and above. (Equivalent to one year of elementary French).
8 Lect Hrs, 2 Lab Hrs 8 Credits

FRENCH 301 Traduction Et Stylistique
Intensive study of grammar, stylistics and composition. Problems of idiomatic translation based on contemporary English and American texts. Prerequisite: FRENCH 202 or equivalent or permission of instructor.
3 Lect Hrs 3 Credits

FRENCH 490 Introduction a la Civilisation et Litterature quebecoises
A survey of the history and civilization of Quebec, a study of representative works by Quebecois writers (including St. Denys, Garneau, Theriault, Tremblay, Blais, and Hebert), and a consideration of the current situation in Quebec. Conducted in French.
3 Lect Hrs 3 Credits

FUNDAMENTAL SKILLS

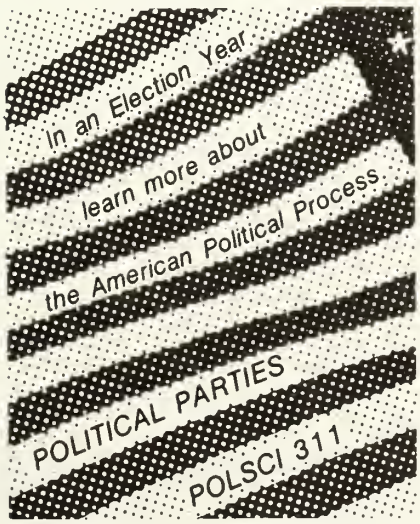
FSKILL 033 Fundamentals of Mathematics
The goal of this course is to develop the math skills which are prerequisite for beginning algebra (MATH 110). Those skills include: arithmetic operations with whole numbers, fractions, decimals, percentages, negative numbers, and ratios. Students whose score on the Math Diagnostic Exam does not place them in MATH 110 or higher will take this course. Prerequisite: Math Diagnostic Test
2 Credits

GERMAN

GER C101 Elementary German
For students with no creditable training in German. Work in the four language skills with particular emphasis on listening and reading comprehension.
4 Lect Hrs, 2 Lab Hrs 4 Credits

GER C102 Elementary German
Continuation of GERMAN 101. Work in the four language skills with particular emphasis on listening and reading comprehension.
4 Lect Hrs, 2 Lab Hrs 4 Credits

GER C115 Intensive German I & II
A multi-media approach, with concentration on listening and reading comprehension. Open to students with no previous creditable knowledge in German. Good aptitude for learning foreign language is essential. Upon completion, students may enter GERMAN 201 and, in special instances, 202. Prerequisite: Permission of instructor.
8 Lect Hrs, 3 Lab Hrs 8 Credits



HISTORY

HIST C111 Foundations of Western Civilization
After a brief survey of the ancient world, the course traces the major political, economic and cultural development of Western society from the early Middle Ages to 1715. Emphasis will be given to the development of written expression and to the critical analysis of primary sources.
3 Lect Hrs 4 Credits

HIST C160 Introduction to African Civilization I
The internal dynamics of pre-colonial African societies arising from the Bantu migrations. The rise and fall of the kingdoms of Ghana, Mali and Songhai, the city-states of Kilwa and Zanzibar, the development of the slave trade, and the influence of religion on tribal societies. Training in oral and written expression.
3 Lect Hrs 4 Credits

HIST 266 American History II
A survey of American history from the Civil War to the present. Expansion and consolidation of the American union, the development of national and international policies and the cultural and economic forces that shaped them.
3 Lect Hrs 4 Credits

HIST 380 The United States in the Twentieth Century, 1937 to the Present
American politics and culture from the New Deal to the present. Prerequisite: HIST 266 or permission of instructor.
3 Lect Hrs 3 Credits

HIST 429 Hitler, A Man and His Times
A focus on the life and career of Adolf Hitler to elucidate an important period in German and European history. Prerequisite: Permission of instructor.
3 Lect Hrs 3 Credits

Hitler:
A Man and His Times
HIST 429
See description under History.

HIST 479N Nantucket and the Seafaring Tradition
(see description under Nantucket Program)

ITALIAN

ITAL C101 Elementary Italian I
For students who have no creditable training in Italian, intensive practice in the four language skills, with an audio-lingual approach.
4 Lect Hrs, 2 Lab Hrs 4 Credits

ITAL C102 Elementary Italian II
The continuation of ITAL 101. Intensive practice in the four language skills, with an audio-lingual approach. Prerequisite: ITAL 101 or equivalent.
4 Lect Hrs, 2 Lab Hrs 4 Credits

ITAL CXXX Intensive Elementary Italian I & II
For students who have no creditable training in Italian, intensive practice in the four language skills, with an audio-lingual approach. Equivalent to two semesters of Elementary Italian.
8 Lect Hrs, 2 Lab Hrs 8 Credits

LATIN

LAT C101 Fundamentals of Latin I
Designed to complete a standard basic textbook with Latin 102 (Fall)
3 Lect Hrs 4 Credits

LAT C102 Fundamentals of Latin II
Continuation of Latin 101 (Spring)
3 Lect Hrs 4 Credits

LAT CXXX Intensive Latin I & II
Accelerated elementary Latin for students with previous language background; fundamentals in one semester. Prerequisite: Previous language background.
3 Lect Hrs 8 Credits

LAW AND JUSTICE

LAWJUS 104 Introduction to Law and Justice
Introduction to Law and Justice explores both the mutual support and the frequent gaps between law and justice as revealed in a selection of literary, historical, anthropological, political, philosophical and sociological materials. It ranges inquiringly from primary definitions (Plato, the Constitution of the United States) to contemporary situations (Wiseman's 'Law and Order', Middlesex Court, Kafka's trial) that pose the recurring tensions between Western cultures need for order and its haunting yen for justice that transcends law. The course which parallels the foundation course in law and justice uses lectures, discussions, field trips, films and tapes, and experts outside the univeristy community.
3 Lect Hrs 4 Credits

LAWJUS 470A Juvenile Law and the Legal Process
This course will take an interdisciplinary approach to the study of juvenile law. The primary focus of the course will be substantive juvenile law and the relationship of history, philosophy and sociology to the development of our present legal system and process. Particular interest will be placed on children's rights, the role of the family and the roles of the state and other institutions including the limits of the rights and the many actions involved in the juvenile legal process (including on-site visits to courts, juvenile programs and institutions). This course may be used towards satisfying Elective requirements in the Law and Justice Concentration. Prerequisite: Sophomore standing, or LAWJUS 101 or 104.
3 Lect Hrs 3 Credits

MATHEMATICS

MATH DIAGNOSIS
It is greatly to the advantage of the student to be placed in the proper course. To insure placement in the right course, students will be required to take a Math Diagnostic Test before they will be admitted to courses that require this test as indicated in the course description. This step will prevent loss of time in switching courses or obtaining refunds after classes have begun.

DIAGNOSTIC TEST SCHEDULE
For students who have not taken the Math Diagnostic Test prior to the start of summer courses, the Test will be given according to the following schedule:

June 6	Thursday	3:00 - 8:00
June 7	Friday	9:00 - 1:00
June 9	Monday	9:00 - 1:00
June 10	Tuesday	9:00 - 1:00

NOTE: Students registering by mail may preregister for desired Math courses with the understanding that a subsequent change in courses, as indicated by the Math Diagnostic Test, may occur.

MATH C110 Basic Math and College Algebra
For students with weak math background who want to develop skills for further math and science courses. Covers a review of basic high school math and some of the material in MATH 130. Generally limited to students with less than 3 years of high school math preparation. Prerequisite: Math Diagnostic Test. *Note: No student will receive graduation credits for MATH 110 if it is taken after successful completion of MATH 124 or 130 or higher math course.*
3 Lect Hrs 4 Credits

NOTE: Students whose Diagnostic Test indicates a need for a basic course before taking MATH 110 should register for Fundamentals of Mathematics (FSKILL 033). (see description under Fundamental Skills)

MATH C124 Applied Algebra
Linear functions, quadretic functions, electronic aids to calculation, descriptive statistics, least squares fitting of straight lines to data points, exponential and logarithmic functions. The stress in this course is on graphing, applications and mathematical modeling. Prerequisite: MATH 110.
3 Lect Hrs 4 Credits
NOTE: This course and MATH 130 may not both be taken for credit. Students who wish eventually to take MATH 140 are advised not to take this course. While open to all students not excluded by the above, it is especially designed to be of service to those intending to major in Biology or the more quantitatively orientated social sciences.

MATH C130 College Algebra and Trigonometry
Provides a review of college algebra, trigonometry and enough analytic geometry to begin the calculus sequence. For students with adequate basic math skills who need to review and extend their knowledge of algebra, etc., before taking more advanced courses in math or science. Ordinarily science and Math majors should begin with MATH 140 and/or MATH 150 (regardless of having successfully completed another Math course). Prerequisite: Math Diagnostic Test
3 Lect Hrs 4 Credits
NOTE: No student will receive graduation credits for MATH 130 if it is taken after successful completion of MATH 140 or a higher math course. Students who take MATH 130 may not also receive credit for MATH 124.

MATH C137 Introduction to Computing
An introduction to the computing process: problem solving with a computer and programming in a computer language. Programming problems make up a substantial part of the course. Prerequisite: Math Diagnostic Test
3 Lect Hrs 4 Credits

MATH C140 Calculus I
The first in the calculus sequence of courses for science and Math majors. Starts with the basic concepts of functions and limits. Topics covered include: derivatives and their applications, definite and indefinite integrals with applications to geometrical and physical problems, discussion of algebraic and transcedental functions. A student who has received credit for MATH 135 may not take MATH 140 for credit without the explicit permission of the department. Prerequisite: Math Diagnostic Test or MATH 130.
4 Lect Hrs 4 Credits

MATH C141 Calculus II
Continuation of MATH 140. Topics include: integration, applications of the integral, sequences and series. Prerequisite: MATH 140 or equivalent.
4 Lect Hrs 4 Credits

SPANISH ENGLISH ENGLISH ENGLISH SPANISH SPANISH SPANISH ENGLISH ENGLISH ENGLISH SPANISH SPANISH SPANISH

Spanish Program in Translation

Earn a certificate in Translation.
Spanish -- English
English -- Spanish

Complete Program in Translation offered during the summer at UMB by the Spanish Department.

For details see description of courses under Translation Program.

MATH 150 Vector Geometry and Matrices
Plane and solid analytic geometry from the vector-space point of view. Elementary systems of linear equations. Elementary operations for 2X2 and 3X3 matrices over R determinants. Prerequisite: MATH 140 or equivalent.
3 Lect Hrs 4 Credits

MUSIC

MUSIC 111N Introduction to American Music
(see description under Nantucket Program)

MUSIC 112 Introduction to Music
The course will offer an introduction to different styles and schools in European music and its development from the Middle Ages to the Twentieth Century. Our aim will be to compare the richness and complexity of Central and Eastern European culture and music with the traditional approach of presenting German, French and Italian schools as sole representatives of the musical heritage of western civilization.
3 Lect Hrs 4 Credits

PHILOSOPHY

PHIL 100 Introduction to Philosophy
An introductory examination of the problems and scope of philosophy.
3 Lect Hrs 4 Credits

PHIL C108 Moral and Social Problems
Important moral and social issues of current concern will be examined and debated. The course covers three problems each semester from a list including: criminal punishment, war, abortion, racism, violence, the death penalty, private property, and sexism. Students may sign up for any or all parts of this course and will receive one, two or three credits.
3 Lect Hrs 4 Credits

PHIL 120 Introduction to Logic
The forms of valid reasoning, deductive and inductive, and their role in relective thinking, formal logic, truth functions, quantifiers, proofs of formal adequacy, the classical problem and new riddle of induction, reasoning with probabilities and elements of game theory.
3 Lect Hrs 4 Credits

PHIL 130 Philosophy of Education
Philosophical ideas and concepts relevant to the nature and aims of education.
3 Lect Hrs 3 Credits

PHYSICS

PHYS C107 College Physics I
Non-calculus Introductory Physics for the student with a strong interest or background in science. Topics in mechanics, wave motion, heat, kinetic theory of gases, electricity, optics, atomic and nuclear physics. Biology majors, premedical students, and others who need or want laboratory work in physics should enroll concurrently in PHYS 171-172. Prerequisite: MATH 130 or permission of instructor.
3 Lect Hrs, 1 Disc Hr 4 Credits

AGING AND SOCIETY

This course given by the Sociology Department will examine the relationship of the aging to the society in which they live.

PHYS C108 College Physics II
A continuation of PHYS 107. Non-calculus Introductory Physics for the student with a strong interest or background in science. Topics in mechanics, wave motion, heat, kinetic theory of gases, electricity, optics, atomic and nuclear physics. Biology majors, premedical students, and others who need or want laboratory work in physics should enroll concurrently in PHYS 171-172. Prerequisite: PHYS 107 or permission of instructor.

PHYS C113 Fundamentals of Physics I
Topics in Classical Physics, including mechanics, thermodynamics, and kinetic theory. Basics concepts of calculus are introduced within the context of physical phenomena. Students who need or want laboratory work in Physics should enroll concurrently in PHYS 171. Corequisite: MATH 140, Corequisite for Physics majors - PHYS 181 or 171.
3 Lect Hrs, 2 Disc Hrs 4 Credits

PHYS 171 Introductory Physics Laboratory I
A two-semester course designed primarily for biology majors and premedical students. Experiments in Basic Physics on mechanics, electricity and magnetism, and optics. Corequisite: PHYS 107-108 or 113-114.
3 Lab Hrs in alternate weeks 1 Credit

PHYS 172 Introductory Physics Laboratory II
A two-semester course designed primarily for biology majors and premedical students. Experiments in Basic Physics on mechanics, electricity and magnetism, and optics. Corequisite: PHYS 107-108 or 113-114.
3 Lab Hrs in alternate weeks 1 Credit

POLITICAL SCIENCE

POLSCI 122 Government and Politics of the United States
The three main branches of the national government, federalism, political parties and interest groups, and governmental functions.
3 Lect Hrs 4 Credits

POLSCI C123 Political Ideas of the Twentieth Century
Major political viewpoints of the present, including Conservatism, Liberalism, Marxism, and Fascism.
3 Lect Hrs 4 Credits

POLSCI 311 Political Parties
The American political process, with emphasis on political parties, pressure groups and public opinion. Prerequisite: Junior standing.
3 Lect Hrs 3 Credits

POLSCI 459 Karl Marx
An investigation of the origins of modern critical social theory through extensive reading from Marx's entire body of writings.
3 Lect Hrs 3 Credits

PSYCHOLOGY

PSYCH 101 Introductory Psychology
A general survey of selected content areas in psychology, including personality and human development, physiological psychology, learning, intellignece, heredity and environment, motivation and emotion.
3 Lect Hrs 4 Credits

PSYCH C102 Methods of Knowing
An introduction to the different ways of discovering, describing, and making warranted assertions about aspects of people and social life. Two chief objectives are: 1. The development of the skills and knowledge necessary to become an intelligent critic of research in the behavioral and social sciences. Included is work on understanding the logic of statistical analysis and research design. 2. To encourage a more sophisticated and critical attitude toward popular (magazines, newspapers, etc.) reports of scientific research. Students will have practice in criticizing and analyzing both research reports and popular writings. Prerequisite: PSYCH C100.
2 Lect Hrs, 1.5 Lab Hrs 4 Credits

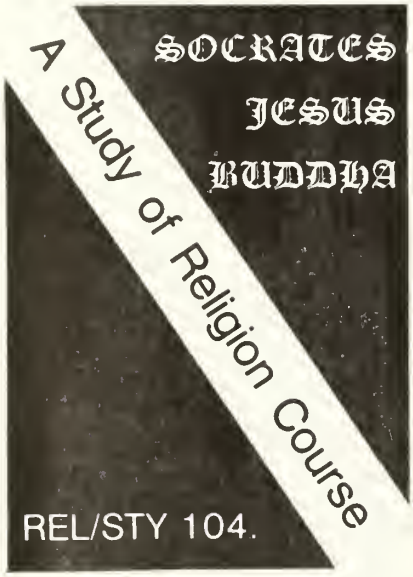
PSYCH 230 Social Psychology
A scientific attempt to understand and explain how the thought, feeling, and behavior of individuals are influenced by the actual, imagined, or implied presence of others—focuses on the drama of social interaction. Prerequisite: PSYCH 101.
3 Lect Hrs 3 Credits

PSYCH 241 Infancy and Childhood Development
This course explores human development from infancy to middle childhood, i.e., from childbirth to ages seven or eight. Major emphasis will be placed on early perceptual, cognitive, social and affective development bearing the following questions in mind:
How does the world of space and objects appear to the infant? How does he acquire knowledge and discover reality? How does the child experience the world of people and develop a sense of self? How does the child develop attachments to others and what role do the significant people play in his life? Prerequisite: PSYCH 101.
3 Lect Hrs 3 Credits

PSYCH 245 Educational Psychology
Application of psychological concepts to education with emphasis on the role of the school, the family, the classroom, and the teacher in the educational process.
3 Lect Hrs 3 Credits

STUDY OF RELIGION

RELSTY C104 Socrates Jesus Buddha
A study of three great paradigmatic figures and the different ways of life and views of reality which they represented. Attention to the social-cultural contexts in which they emerged. Critical evaluation of Socrates and Jesus as sources of Western values, and exploration of why the Buddha has recently become an attractive alternative.
3 Lect Hrs 4 Credits



RELSTY 245 History of Christianity
A comparative survey of the evolution of Christianity in its diverse forms, examining the development of institutional forms, theological doctrine, ritual, and the church's relation to the world. We will cover such topics as martyrdom, monasticism, mysticism, the Protestant reformation, the modern missionary enterprise, and the contemporary emergence of liberation movements.
3 Lect Hrs 3 Credits

SOCIOLOGY

SOCIOL C101 Introduction to Sociology
The structure of society, cultural patterns, and group life. The individual and socialization, groups, institutions, social systems, social change.
3 Lect Hrs 4 Credits

SOCIOL 211 The Urban Community
The development of the city as a complex form of the human community. History and growth of urbanism in industrial societies and developing nations. Urban change and the problem of planning. Prerequisite: SOCIOL 101.
3 Lect Hrs 3 Credits

SOCIOL 342 Aging and Society
An examination of theories and research on aging and society. Course is organized in two sections. The first section explores the general relationship of the aging process and the aged to the social, economic, and political systems in a youth-oriented and work-oriented society. The second section draws upon cross-national and cross-cultural material. Prerequisite: SOCIOL 101.
3 Lect Hrs 3 Credits

SOCIOL 351 Methods of Sociological Research
Design of sociological research and methods of inquiry. Organization and analysis of data development of research projects. Prerequisite: SOCIOL 101 and junior standing.
3 Lect Hrs 3 Credits

SOCIOL 361 Criminology
A general survey and analysis of adult crime. Attention to historical development of criminological thought, societal reaction to crime and behavioral systems. Emphasis on theories of criminality and issues in the administration of justice by police and courts. Prerequisite: SOCIOL 101
3 Lect Hrs 3 Credits

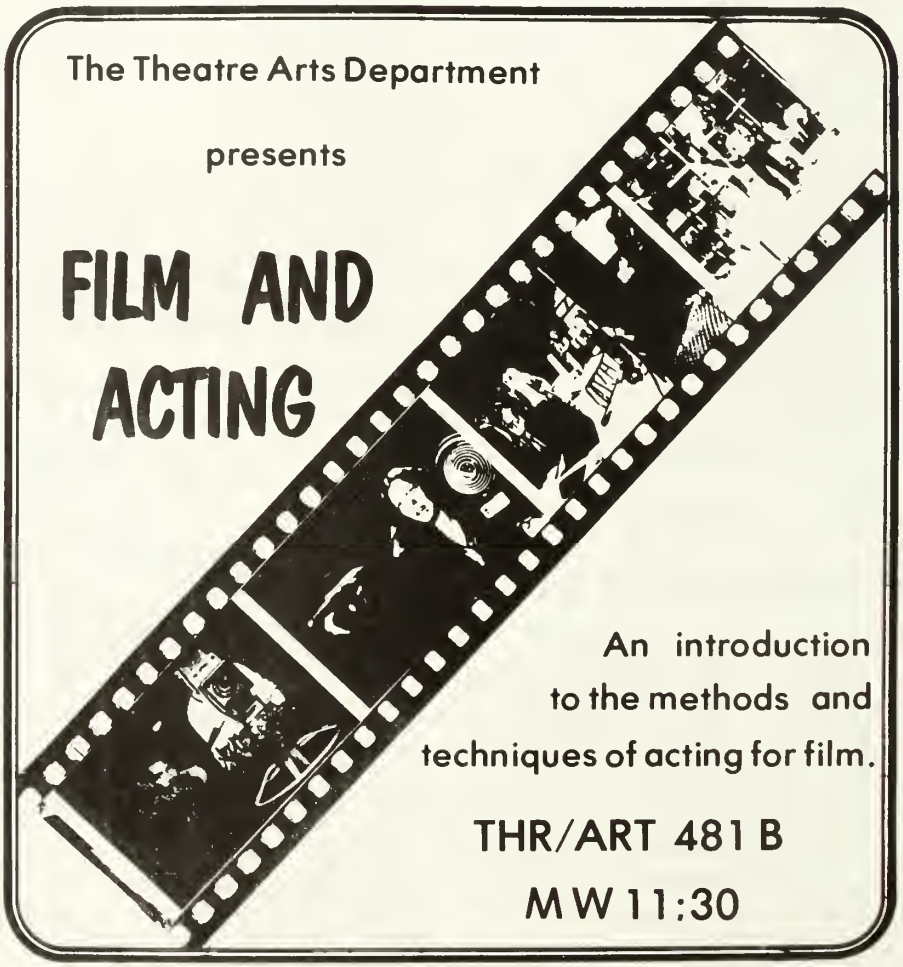
SOCIOL 382 Social Psychology of Sex Roles — Men and Women in Society
An anlysis of male and female roles in society with consideration of biological and psychological factors. Attention to socialization processes which reflect society's functional definition of acceptable and deviant sex roles. Prerequisite: SOCIOL 101
3 Lect Hrs 3 Credits

SPANISH

SPAN C101 Elementary Spanish
For students with no creditable training in Spanish. An intensive study of the four language skills based on an audio-lingual approach.
4 Lect Hrs, 1 Lab Hr 4 Credits

SPAN C102 Elementary Spanish
A continuation of SPAN 101. An intensive study of the four language skills based on an audio-lingual approach.
4 Lect Hrs, 1 Lab Hr 4 Credits

SPAN C103 Intensive Elementary Spanish I & II
An intensive study of the four language skills for those who wish to do a full year of elementary Spanish in one semester. May be



taken for credit by students who have studied two years in high school and wish to start over.
8 Lect Hrs, 2 Lab Hrs 8 Credits

SPAN C105 Basic Spanish for Communication
An intensive course designed to approach the language from a practical point of view. Basic grammar will be studied in the context of the material presented. This material will focus on vacabulary in three different areas: Business and Finance, Medical and Hospital Terminology, and Oral Communication. The course will cover material equivalent to two semesters of Spanish with practice in the four language skills.
8 Lect Hrs 8 Credits

SPAN C205 Intensive Intermediate Spanish I & II
A continuation of SPAN 103 for those who wish to do a full year of intermediate Spanish in one semester. Students who have passed SPAN 103 will have priority, but the course may be taken by anyone eligible for SPAN 205 if there is room. Prerequisite: SPAN 102, 103, or equivalent
8 Lect Hrs 8 Credits

SPAN 271 Introduction to Techniques of Translation
(see description under Spanish Program in Translation)

SPAN 273 Advanced Translation
(see description under Spanish Program in Translation)

THEATRE ARTS

THR ART 126 Speech and Oral Interpretation
Theory and practice of verbal communication; training in the use of voice and body for effective expression and persuasion; vocal exercises in diction and projection. Analysis of vocal anatomy and the structure of verbal presentation. Preparation and oral presentation of original and literary materials.
3 Lect Hrs 3 Credits

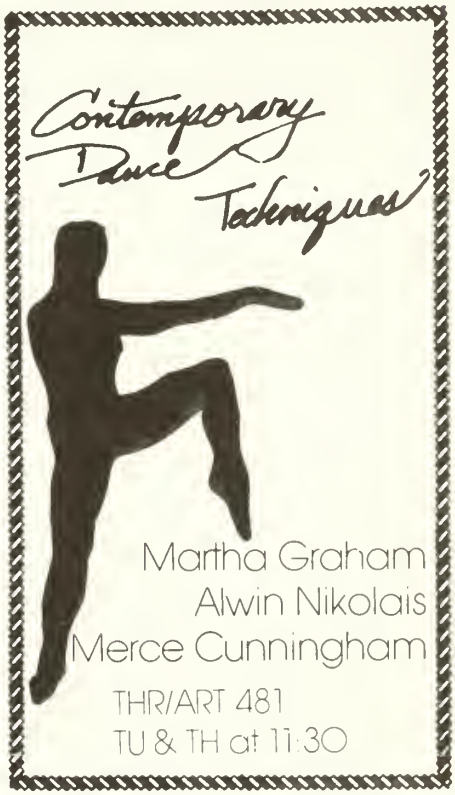
THR ART 481A Contemporary Dance Technique
The class will experience a variety of movement styles drawn from the techniques of Alwin Nikolais, Martha Graham and Merce Cunningham. Several dance sequences will be learned and the student will have a chance to develop a critical sense in dance viewing through film and videotape, as well as by composing original short phrases.
3 Lect Hrs 3 Credits

THR ART 481B Film and Acting
An introduction to the methods and techniques of acting for film. The course will cover aspects of film technology (camera movement, makeup, costume, lighting) as well as the theory and practice of film acting. Course work will be done both in class and outside. A short 16mm film will be shot.
3 Lect Hrs 3 Credits

THR ART 482N Scene Study
(see description under Nantucket Program)

An Intensive Course
in
Basic Spanish
for
Communications.

Practical Spanish for:
Oral Communications
Medical & Hospital Services
Business & Finance
SPAN 105 Park Square 8 CREDITS



WOMEN'S STUDIES

WOST 100 Women and Society, An Introduction to Women's Studies
An introductory, interdisciplinary course recommended as a first course in Women's Studies. Through lectures, readings, and discussions, students will examine the origins of women's oppression; female and male sex roles; marriage and the family; women workers at home and in the labor force. Students will relate course material to experiences in their own lives. Preference given to first and second year students.
3 Lect Hrs 4 Credits

KEEP INFORMED READ
MASS MEDIA
A weekly
student newspaper
appearing every Tuesday afternoon.

THE COMPOSITION SHOP
POINT PRESS
PAMPHLETS FLYERS
POSTERS INVITATIONS
ADS TYPESETTING
PRINTING RESUMES
OFFSET CAMERA BROCHURES

BOSTON
Special Programs

NANTUCKET PROGRAM

The University of Massachusetts/Boston offers Summer programs in Biology and the Arts and Humanities on the island of Nantucket.

At the University Field Station at Quaise, located on 114 acres of moor and private beach, courses in Field Biology and Ecology are conducted every summer.

The historic Coffin School, built in 1852 and located in the heart of the town of Nantucket, is the site for courses offered in the Arts and Humanities.

All courses are given as part of the Summer Program of UMass/Boston, and carry full academic credit.

Biology Courses on Nantucket
Summer field laboratory courses are conducted at the University Field Station on Nantucket. Mainland students live at the station and are responsible for modest expenses. Prerequisite for all courses — permission of instructor. All inquiries should be addressed to Dr. John Ebersole, Department of Biology, Univ. of Mass/Boston.

BIOL 381 Field Methods and Techniques
A course designed to introduce students to the theoretical basis and practical application of sampling and analytical equipment used in ecological experimentation. Meets every weekday for 1 week.
1 Credit

BIOL 200 Field Biology on Nantucket — Marsh Ecology
The study of the Nantucket marsh ecology. The topics covered will include the systematics and identification of Nantucket marsh organisms and environmental physiology with particular emphasis on the environmental parameters important on Nantucket. The course meets every weekday for 4 weeks.
4 Credits

Arts and Humanities on Nantucket
Courses will be conducted at the Coffin School, 4 Winter Street. Limited housing may be available to students taking these summer courses. For further information, contact the Summer School Office, ext. 2180.

ART C265 Film Analysis
This course is designed to contribute to the student's understanding and appreciation of film as both fine art and mass communication. Major emphasis is given to the elements of film language, the basic film types and certain major film styles. In order to make the films more accessible for close analysis and evaluation, special projection techniques are used which permit an encounter with the works that goes beyond the limits of the conventional theatre and television viewing experience. Films studied will include examples of classic Hollywood, contemporary American, and foreign feature films.
3 Lect Hrs — 3 Credits

HIST 479N Nantucket and the Seafaring Tradition
This course will bring together the literary tradition, maritime history and cultural and social background of the island of Nantucket from its early colonial period.
3 Lect Hrs — 3 Credits

MUSIC 111N Introduction to American Music
The course will trace origins of American music from various European schools and styles. The main focus will be on the rapid growth and the international prominence that American music has received in this century. The students will listen to and discuss a representative sample of works by American and European composers.
3 Lect Hrs — 4 Credits

Come to Nantucket

The UMass/Boston Summer Program

BIOL 483 Structure and Function of Plankton Ecosystems
The course will deal with the investigation of the following aspects of plankton ecosystems: succession, species diversity and species interactions, population dynamics and paleoecology. The course will emphasize field work and each student will be expected to do a research project. The course meets every weekday for 4 weeks.
4 Credits

THR ART 482N Scene Study
This course is suitable for people of various ages and experience who have an interest in exploring the process and developing the techniques of dramatic characterization. Topics covered will include: the actor's approach to theatre; the art of dramatic interpretation; analysis of the playwright's intention; methods of expressing character in action; relation of actor and director. Students will participate in individual and group exercises, rehearsal and performance.
3 Lect Hrs — 3 Credits

SPANISH PROGRAM IN TRANSLATION

The purpose of the Program in Translation is to give students an ancillary skill to their basic education as a career option. The program is designed for both English and Spanish native speakers. The student will concentrate on translating into his or her own language, though some work will be done in translation to the non-native language.

The program consists of two intensive six-credit courses, offered in two six-week semesters. (For dates, see the Boston Calendar, A and B Sessions, in this catalog.) Prerequisites for acceptance into the program are:

English Speakers — 1) two semesters of Spanish above the intermediate level, or equivalent; 2) proven proficiency in advanced English composition. Applicants who have not taken an advanced course in English composition should arrange to take the English Writing Proficiency Examination.

Spanish Speakers — 1) one year of Freshman English, or equivalent; 2) proven proficiency in advanced Spanish composition, to be demonstrated by taking a Spanish qualifying exam given by the Spanish Department.
To make arrangements to take either qualifying exam, call the Spanish Department, (617) 287-1900, ext. 3211.

Upon successful completion of the course work, the student will qualify as a candidate for a Certificate in Translation. A departmental panel will grant certificates to students who pass the comprehensive examination in Translation.

Credits for completed course work can be earned independently of the Certificate.

SPAN 271 Introduction to Techniques of Translation
Development of the basic techniques and skills needed for translation. Emphasis on translation into the native language with some practice in the opposite direction. Methods of contrastive linguistics to analyze pertinent aspects of language structure, involving syntax, vocabulary and style, are employed. Material for this course is taken from published translation of both a literary and non-literary nature. Students are given ample opportunity to apply these techniques through a series of translation assignments, which form the basis for class discussion.
6 Lect Hrs — 6 Credits

SPAN 273 Advanced Translation
Practice in translating a variety of genres and styles, both literary and non-literary, e.g., passages from cultural material, short stories and essays; government documents; scientific, commercial and technical prose. Emphasis is on translating into the native language, but considerable practice is given to translating material in the commercial and human service fields from the native to the non-native language. Literary material is taken from various periods to make students aware of historical changes in vocabulary, syntax, tone and style. Prerequisite: SPAN 271 Introduction to Techniques of Translation.
6 Lect Hrs — 6 Credits

GRADUATE STUDIES

UMass/Boston offers high-quality graduate level programs. At present, seven programs of study offer Master's degrees in Biology, Chemistry, Critical and Creative Thinking, English, History, Mathematics and Applied Physics during the Academic year.

This summer, graduate courses will be offered by the English Department.

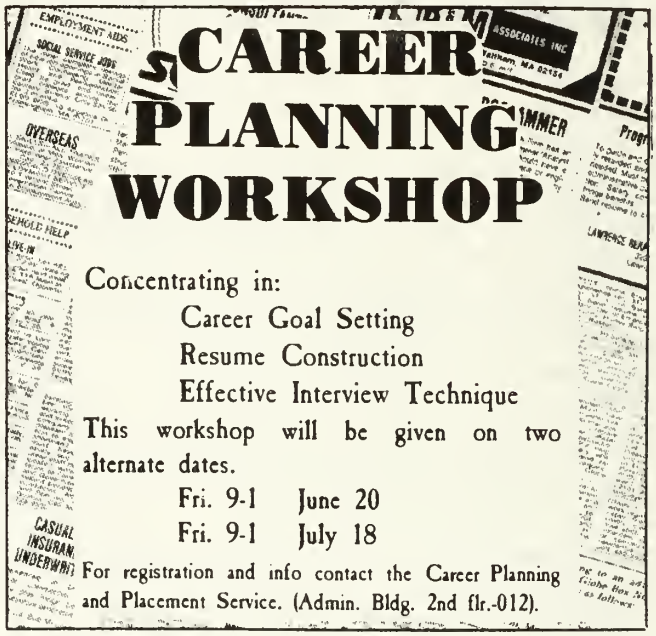
ENGL 718 History of the English Language
Description and analysis of modern English from a linguistic perspective: attention to the relationship of linguistic analysis to literature. A survey of old English, middle English, early modern and 18th century English, with its stress on traditional grammar.
3 Lect Hrs, 2 Conf Hrs — 5 Credits

ENGL 741 Romantic Literature
The seminar will approach the unity of Romanticism through consideration of three important modes of British poetry, fiction and criticism in the period from C. 1790 to C. 1832; the visionary (primarily Blake and Wordsworth), the picturesque (Scott and Byron), and the aesthetic (chiefly Keats, with related readings in the criticism of Hazlitt).
3 Lect Hrs, 2 Conf Hrs — 5 Credits

THE COLLEGE OF MANAGEMENT AND PROFESSIONAL STUDIES

The College of Management and Professional Studies offers programs in Management and Engineering during the Academic year. In the summer, courses in Management are available to students seeking a general preparation for managerial careers in business, government, and other institutions.

Prerequisites: Students wishing to take Management courses during the summer should be sure that they meet the prerequisites included in the course descriptions prior to registering for the course. Students not enrolled at UMass/Boston will be asked to provide information regarding their educational preparation on the first day of classes.



MGT 100A Introduction to Management
A first course in the functions and problems in management, designed to introduce students to the concrete world of management for which much of their subsequent course work will be designed to prepare them.
3 Lect Hrs 3 Credits

MGT 111 Communications Seminar
An intensive one term study of writing particularly designed for upper division students whose writing ability must develop to meet the demands of course work and a career. Contents of the course include Major Statements, Composition Structure, the Use of Information, and Relations with an Audience.
3 Lect Hrs 3 Credits

MGT 210 Introduction to Computers in Management
Introduces computers to the student and their use in information processing and decision making. Among the topics are evolution of information processing, data representation, program flow-charting, basic programming and simple applications.
2 Lect Hrs, 1 Lab Hr 3 Credits

MGT 220 Managerial Statistics
Provides the student with a basic knowledge of reducing masses of data into a meaningful form so that it can be used for decision making. Among the topics are collection and presentation of data, frequency distribution, measures of central tendency and dispersion, probability and probability distribution. Prerequisite: MATH 110 (concurrently)
3 Credits

MGT 320 Quantitative Analysis
Provides the student with the basic knowledge of statistical analysis approaches used in decision making in addition to those taught in MGT 220. Topics to be covered include decision theory, Bayessian statistical approaches, statistical inference, non-parametric statistics, analysis of variance, regression and correlation analysis, time series analysis and introduction to index numbers. Prerequisite: MGT 220
3 Lect Hrs 3 Credits

MGT 321 Operations Management
Introduces the student into the design and control problems of every system that transforms inputs into outputs, with major emphasis given to the problems associated with the production function of a manufacturing organization. The course also introduces the student into the operations research approaches used to solve the associated problems. Prerequisite: MGT 220
3 Lect Hrs 3 Credits

MGT 331 Marketing Management
Managers, regardless of their functional responsibilities and whether in business, government, or other organizations, are involved in activities which contribute to marketing process through which an organization interacts with its customers or client public. This course focuses on understanding how managers: 1) analyze their client publics and the distribution networks through which they may be reached, and 2) develop marketing programs to achieve an organization's objectives by adaptations to and actions on its customers and distribution systems.
3 Lect Hrs 3 Credits

MGT 340 Financial Accounting
The greater part of this course is an introduction to financial accounting emphasizing concepts rather than bookkeeping procedures. The course also includes brief treatment of the management of the short-term financial needs of profit and non profit entities.
4 Lect Hrs 4 Credits

MGT 341 Financial Management
Continuation of the study of short-term financial management. Basic aspects of long-term finance including leverage, debt capacity and dividend policy. Introduction to the types of securities issued by the public and private entities. Capital budgeting and the time value of money. Prerequisite: MGT 340 or permission of instructor.
4 Lect Hrs 4 Credits

MGT 350 Management of Human Resources I
An introductory course centered around the processes of planning, organizing, directing and controlling activities as they relate to the effective utilization and development of people in formal organizations. Students will be exposed to the analytical tools useful in conceptualizing, diagnosing and acting on managerial problems related to the interaction between organizations, their objectives and the development of human resources. Emphasis will be given to the notions of organization analysis of the effects of organizational structure on human performance.
4 Lect Hrs 3 Credits

MGT 351 Management of Human Resources II
This course will expose students to the theories, and ideas and research concerning human behavior in organizations. It has been structured as an experimental learning process around the analysis of individual behavior, interpersonal relations and group dynamics. Students will be exposed to the critical interactions and options open to management in structuring human performance and the value implications implicit in personal decisions. Prerequisite: MGT 350
3 Lect Hrs 3 Credits

MGT 430 Sales Management
The basic objective is to develop the student's understanding and skills in managing the personal selling function. The course should be of special interest to those students who seek out companies that place special emphasis on personal selling as an element of the marketing mix. It is also important to general managers since the course is oriented to the firm's marketing strategy and towards implementation. Prerequisite: MGT 331 or permission of instructor.
3 Lect Hrs 3 Credits

MGT 431 Consumer Behavior and Marketing Communications
Analyzes interactions between consumer decision making processes using concepts of economics, sociology, psychology, and mass and informal communications, in order to develop marketing communication strategies in response to specific marketing problems. Prerequisite: MGT 331 or permission of instructor.
3 Lect Hrs 3 Credits

MGT 442 Managerial Accounting
Study and analysis of behavior of fixed and variable costs in managerial planning, decision making and control, covering pricing, product mix and performance evaluation. Topics include responsibility accounting comprehensive and cash budgeting, and an introduction to standard, job order and process cost systems. Prerequisite: MGT 340 or permission of instructor.
3 Lect Hrs 3 Credits

MGT 478M Law of Business Transactions
This course will provide students with an opportunity to obtain an understanding of the vast range of commercial laws at both the state and federal levels. At the state level, all states (except Louisiana) have adopted the Uniform Commercial Code which is an extensive body of commercial laws by which people in both the public and private sectors must be guided. At the federal level, laws such as the new Bankruptcy Act and the Consumer Credit Protection Act, provide a further body of business laws which affect contemporary managers. Our purpose is to introduce students to the substance of these and other laws.

(MGT 480 Management Internship
Full or part-time work experience in management settings, supervised by an on-site supervisor and a management program faculty sponsor. Credit also available to students with prior managerial experience under the supervision of a faculty sponsor. Open only to management majors who have completed 75 credits, 3 out of the 4 management core courses and the application process during advance registration period. Prerequisite: Permission of CPS Dean's Office. Management students only.
Hrs by arrangement 4-8 Credits

HEALTH SERVICE PROGRAMS

The University Health Service offers several non-credit programs for the UMass/Boston campus community:

Emergency Care Training Program

The Emergency Care Training Program office, Bldg. II, 2nd floor, rm. 608, ext. 3223, offe

The Emergency Care Training Program office, Bldg. II, 2nd floor, rm. 608, ext. 3223, offers a series of non-credit courses in Emergency Care Training. These courses are given under the auspices of the University and certified by the American Red Cross and the American Heart Association. The courses are given free of charge. For registration, contact the ECT office.

Nutrition and Health
These workshops offered also by the University Health Service for the UMass/Boston campus community will consist of a series of lecture and discussion sessions the focus of which will be better nutrition for more healthful living.

Reproductive Health
The objective of these workshops will be to assist the participants in understanding better the health issues associated with the reproductive process. They are offered by the Health Service for the UMass/Boston campus community and are recommended for both

Standard First Aid
Emergency care procedures including artificial resuscitation, bleeding control, poisoning and fracture management. Special instruction areas include pool extrication and emergency childbirth.

For registration information, contact the Health Service Office, Admin. Bldg., 2nd floor, 287-1900, ext. 2522 or the Summer School Office, Bldg. II, 3rd floor, Rm. 615, 287-1900, ext. 2180/1.

Stress Management
The University Health Service offers for the UMass/Boston campus community a series of non-credit workshops on stress management. These free workshops are offered in two hour self-contained, interrelating segments.

EMERGENCY CARE TRAINING

Boston Schedule of Courses

SESSIONS

Courses listed without a date will be given during the Main Session (Z).

Z Main Session June 9 - July 31	**A** First Consecutive Session June 2 - July 10	**B** Second Consecutive Session July 14 - August 21	**C** Sessions beginning on special dates Dates posted

EVENING COURSES

To facilitate locating evening courses a list of summer courses given during evening hours appears at the end of this course schedule.

Please check Schedule of Courses for complete information.

SCHEDULE/How to read it

DEPT.	Course NO.	Course TITLE	CREDITS	Instructor
ART	C100	LANGUAGE OF ART	4	SCHELL
1Z	020945	MTUWTH 10 - 11:15	2 - 3 - 432	
SESSION	Schedule NO.	TIME	LOCATION	

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A-M-E-R-I-C-A-N  C-I-V-I-L-I-Z-A-T-I-O-N

AMCIV   C201    IMPCT AMER COMMUNISM                3CR
      1C   020117  MWTH 18.00-20.45      PS06-610
                INSTRUCTOR:
                NOTE:  MEETS JUNE 16 - JULY 17
                THIS COURSE IS OFFERED AT THE
                PARK SQUARE CAMPUS

A-N-T-H-R-O-P-O-L-O-G-Y

ANTH    C102     INTRO ARCH&BIUL ANTH              4CR
      1Z     020317 MTUWTH 10.00-11.15  2-1 201
                INSTRUCTOR: TO BE ANNOUNCED
ANTH    C103     INTRO CULTRL ANTH                 4CR
      1Z     020595 MTUWTH 8.30-9.45    2-1 201
                INSTRUCTOR: TO BE ANNUUNCED
ANTH    280      ISLAM & REV MOVEMTS               3CR
      1Z     020878 MTUWTH 11.30-12.45  2-1 201
                INSTRUCTOR:FAZEL


A-R-T

ART     C100     LANGUAGE OF ART                   4CR
      1Z     020945 MTUWTH 10.00-11.15  2-3 430
                INSTRUCTOR:SCHELL
ART     C265     FILM ANALYSIS                     4CR
      1Z     020995 M 10.00-2.00        2-3 407
                     TUWTH 10.00-12.00   2-3 407
                INSTRUCTOR:RISSE
                NOTE:MEETS JUNE 9 - JULY 10
                LAB FEE: $8.00
ART     C265     FILM ANALYSIS                     3CR
      1C     021066 MTUWTH 10.30-12.30  NAN TUCK
                     F 10.30-12.30      NAN TUCK
                INSTRUCTOR:RISSE
                NOTE:MEETS AUG 4 - AUG 29
                ON NANTUCKET
                LAB FEE:$8.00

ART     175      VISUAL FUNDAMENTALS               4CR
      1Z     021161 TUWTH 8.30-10.45    9-8 009
                INSTRUCTOR: NOVAK
                LAB FEE:$15.00

ART     293      PHOTOGRAPHY I                     3CR
      1Z     021216 TUTH 12.00-4.00     9-8 025
                INSTRUCTOR:NOVAK
                LAB FEE:$20.00
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B-I-O-L-O-G-Y

BIUL    C101     BASIS OF LIFE                     4CR
      1A     021311 MTUWTHF 8.30-10.00  8-1 006
                INSTRUCTOR:HAGAR
                MEETS:JUNE 2 - JUNE 27

BIUL    C102     EVOLUTIONARY BIOLOGY              4CR
      1C     021383 MTUWTHF 8.30-10.00  8-1 006
                INSTRUCTOR: TO BE ANNUUNCED
                MEETS:JUNE 30 - JULY 25

BIOL    C111     INTRO BIOLOGY I                   4CR
  LEC 1A     021466 MTUWTH 8.30-10.00   2-1 207
  LAB 1A     021472 MW 1.00-4.00
                INSTRUCTUR: TO BE ANNOUNCED
                MEETS:JUNE 2 - JULY 10
                LAB FEE: $7.00

BIUL    C112     INTRO BIOLOGY II                  4CR
  LEC 1B     021505 MTUWTH 8.30-10.00   2-1 207
  LAB 1B     021511 MW 1.00-4.00
                INSTRUCTOR: SHEERIN
                CUURSE MEETS: JULY 14 - AUG 21
                LAB FEE: $7.00

BIOL    232      INVERTEBRATE ZOOLOGY              5CR
  LEC 1A     021555 MTUWTH 10.00-11.29  2-2 206
  LAB 1A     021561 TUWTH 1.00-5.00
                LAB FEE:$15.00
                INSTRUCTOR:REX
                MEETS:JUNE 2 - JULY 10

BIUL    200N     FIELD BIOLOGY                     4CR
      1Z     021616 BY ARRGT            NAN TUCK
                INSTRUCTOR: TO BE ANNOUNCED
                NOTE:MEETS ON NANTUCKET
                JUNE 9 - JULY 5
                PREREQ:PERM. OF INSTRUCTOR

BIOL    381N     FIELD METH & TECH.                1CR
      1A     021650 BY ARRGT            NAN TUCK
                INSTRUCTOR:TIFFNEY AND EBERSOLE
                NUTE:MEETS UN NANTUCKET
                MEETS: JUNE 2 - JUNE 7
                PREREQ:PERM. OF INSTRUCTOR

BIOL    483N     PLANKTON ECOSYSTEMS               4CR
      1C     021694 BY ARRGT            NAN TUCK
                INSTRUCTOR: TO BE ANNOUNCED
                NOTE:MEETS ON NANTUCKET
                MEETS: JULY 7 - AUGUST 2
                PREREQ:PERM. OF INSTRUCTOR
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DEPT COURSE SCHEDULE     TITLE            BLDG     CR
       SEC NUMBER     MEETING TIMES     FLR ROOM

B-L-A-C-K  S-T-U-D-I-E-S

BLKSTY 110      INTRO BLACK STDY I                4CR
     1Z     021711 MTUWTH 10.00-11.15  2-1 213
             INSTRUCTOR:OGEDENGBE


C-H-E-M-I-S-T-R-Y

CHEM   C103     CHEMICAL PRIN I                   5CR
  LEC 1A     021816 MTUTHF 10.00-11.15  8-1 006
  LAB 1A     021822 TUTH 1.00-4.00
  DIS 1A     021838 W 10.00-11.15       8-1 006
             INSTRUCTORS:CARTER & WEIBRECHT
             NOTE: MEETS JUNE 2 - JULY 10
             LAB FEE: $45.00

CHEM   C104     CHEMICAL PRIN II                  5CR
  LEC 1B     021911 MTUTHF 10.00-11.15  8-1 006
  LAB 1B     021927 TUTH 1.00-4.00
  DIS 1B     021933 W 10.00-11.15       8-1 006
             INSTRUCTORS:CARTER & WEIBRECHT
             NOTE: MEETS JULY 14 - AUGUST 21
             LAB FEE: $45.00

CHEM   253      ORGANIC CHEMISTRY I               5CR
  LEC 1A     022010 MTUTHF 10.00-11.15  2-2 423
  LAB 1A     022026 TUTH 1.00-4.00
  DIS 1A     022032 W 10.00-11.15       2-2 423
             INSTRUCTOR: TO BE ANNOUNCED
             NOTE: MEETS JUNE 2 - JULY 10
             LAB FEE: $45.00

CHEM   254      ORGANIC CHEMISTRY II              5CR
  LEC 1B     022115 MTUTHF 10.00-11.15  2-2 423
  LAB 1B     022121 TUTH 1.00-4.00
  DIS 1B     022137 W 10.00-11.15       2-2 423
             INSTRUCTOR: TO BE ANNOUNCED
             NOTE: MEETS JULY 14 - AUGUST 21
             LAB FEE: $45.00


C-L-A-S-S-I-C-S

CLSICS 281      GREEK & ROMAN CIV I               4CR
     1Z     022315 MTUWTH 11.30-12.45  2-1 207
             INSTRUCTOR: TO BE ANNOUNCED


E-C-O-N-O-M-I-C-S

ECON   C102     INTRO ECONOMICS II                4CR
     1Z     022515 MTUWTH 10.00-11.15  2-1 417
             INSTRUCTOR:BON
ECON   101      INTRO ECONOMICS I                 4CR
     1Z     022571 MTUWTH 8.30-9.45    2-1 617
             INSTRUCTOR: TO BE ANNOUNCED
ECON   102      INTRO ECONOMICS II                4CR
     1Z     022652 MTUWTH 11.30-12.45  2-1 617
             INSTRUCTOR:BON
ECON   125      INTRO MARXIST ANALYS              4CR
     1Z     022682 MTUWTH 10.00-11.15  2-1 207
             INSTRUCTOR: TO BE ANNOUNCED
ECON   201      MICROECONOMICS                    3CR
     1Z     022759 MTUWTH 10.00-11.15  2-3 415
             INSTRUCTOR: TO BE ANNOUNCED
ECON   330P     POL ECON OF MONEY                 3CR
     1Z     022810 MTUTH 18.00-19.40  PS05 517
             INSTRUCTOR: TO BE ANNOUNCED
             NOTE:THIS COURSE IS OFFERED
             AT THE PARK SQUARE CAMPUS
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DEPT COURSE SCHEDULE     TITLE            BLDG     CR
       SEC NUMBER     MEETING TIMES     FLR ROOM

E-N-G-L-I-S-H

ENGL   C204     NAT OF LIT:FICTION                4CR
     1Z     022915 MTUWTH 10.00-11.15  2-1 420
             INSTRUCTOR:L.SMITH
ENGL   100D     ADV STRUCT-ESL                    4CR
     1Z     022971 MTUWTH 8.30-9.45    2-1 417
             INSTRUCTOR: TO BE ANNOUNCED
ENGL   101      FRESHMAN ENGLISH I                4CR
     1Z     023036 MTUWTH 8.30-9.45    2-1 614
             INSTRUCTOR: TO BE ANNOUNCED
ENGL   101E     FRESH ENGL-ESL                    4CR
     1Z     023092 MTUWTH 10.00-11.15  2-1 614
             INSTRUCTOR: TO BE ANNOUNCED
ENGL   102      FRESHMAN ENGLISH II               4CR
     1Z     023242 MTUWTH 11.30-12.45  2-1 208
             INSTRUCTOR:STORCH
ENGL   102E     FRESH ENGL II-ESL                 4CR
     1Z     023353 MTUWTH 10.00-11.15  2-1 210
             INSTRUCTOR: TO BE ANNOUNCED
ENGL   102P     FRESHMAN ENGLISH II               4CR
     1Z     023375 TUTH 18.00-20.30   PS05 503
             INSTRUCTOR:ODUNNELL
             NOTE:THIS COURSE IS OFFERED
             AT THE PARK SQUARE CAMPUS

ENGL   200      PRACTICAL CRITICISM               4CR
     1Z     023414 MTUWTH 11.30-12.45  2-1 212
             INSTRUCTOR:HORLEY
ENGL   225      INTRO TO SHAKESPEARE              4CR
     1Z     023519 MTUWTH 8.30-9.45    2-1 420
             INSTRUCTOR:HARDING
ENGL   302P     CREATIVE WRITING I                3CR
     1Z     023597 MW 18.00-20.30     PS05 503
             INSTRUCTOR:VEENENDAAL
             NOTE: THIS COURSE IS OFFERED AT
             THE PARK SQUARE CAMPUS.

ENGL   400      AUSTEN & THE BRONTES              3CR
     1Z     023670 MTUWTH 10.00-11.15  2-1 619
             INSTRUCTOR:KAYE
ENGL   718      HIST OF ENGL LANG                 5CR
     1Z     023814 TUTH 4.15-18.45     2-2 417
             INSTRUCTOR:FERGUSON
             NOTE:THIS IS A GRADUATE COURSE

ENGL   741      ROMANTIC LITERATURE               5CR
     1Z     023892 MW 4.15-18.45       2-2 417
             INSTRUCTOR:HART
             NOTE:THIS IS A GRADUATE COURSE


F-R-E-N-C-H

FRENCH C101     ELEMENTARY FRENCH I               4CR
  LEC 1Z     024113 MTUWTH 10.00-12.45  2-2 209
  LAB 1Z     024129 MTUWTH 9.00-9.45    2-3 LABA
             INSTRUCTOR: ABENDSTERN
             NOTE: COURSE MEETS JUNE 9 - JULY 7
             LAB FEE:$4.00

FRENCH C102     ELEMENTARY FRENCH II              4CR
  LEC 1C     024185 MTUWTH 10.00-12.45  2-2 209
  LAB 1C     024191 MTUWTH 9.00-9.45    2-3 LABA
             INSTRUCTOR: ABENDSTERN
             NOTE:COURSE MEETS JULY 8 - JULY 31
             LAB FEE:$4.00
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DEPT COURSE SCHEDULE     TITLE            BLDG     CR
       SEC NUMBER     MEETING TIMES     FLR ROOM

FRENCH C125     INTENSIVE ELEM FREN              8CR
  LEC 1Z     024252 MTUWTH 10.00-12.45  2-2 209
  LAB 1Z     024268 MTUWTH 9.00-9.45    2-3 LABA
              INSTRUCTOR: ABENDSTERN
              NOTE:COURSE MEETS JUNE 9 - JULY 31
              LAB FEE:$8.00

FRENCH 301      TRAD ET STYLISTIQUE              3CR
      1Z     024341 TUTH 8.30-11.00     2-2 421
              INSTRUCTOR:SORENSON
FRENCH 490P     CIV ET LITT QUEBEC               3CR
      1Z     024430 TUTH 18.00-20.30   PS05 519
              INSTRUCTOR:SORENSON
              NOTE:THIS COURSE IS OFFERED
              AT THE PARK SQUARE CAMPUS

F-U-N-D-A-M-E-N-T-A-L  S-K-I-L-L-S

FSKILL 033      FUNDAMETALS OF MATH              2CR
      1Z     024557 MTUWTH 10.00-11.15  2-2 207
              INSTRUCTOR: TO BE ANNOUNCED
              PREREQ: MATH DIAGNOSTIC EXAM

G-E-R-M-A-N

GERMAN C101     ELEMENTARY GERMAN I              4CR
  LEC 1Z     024818 MTUWTH 8.30-9.45    2-2 211
                    MTUWTH 11.00-12.15  2-2 211
  LAB 1Z     024824 MTUW 10.00-10.59    2-3 LABA
              INSTRUCTOR: TO BE ANNOUNCED
              NOTE:THIS COURSE MEETS JUNE 9
              LAB FEE:$4.00            - JULY 7

GERMAN C102     ELEMENTARY GERMAN II             4CR
  LEC 1C     024880 MTUWTH 8.30-9.45    2-2 211
                    MTUWTH 11.00-12.15  2-2 211
  LAB 1C     024896 MTUW 10.00-10.59    2-3 LABB
              INSTRUCTOR: TO BE ANNOUNCED
              NOTE:THIS COURSE MEETS JULY 8
              LAB FEE:$4.00            - JULY 31

GERMAN C115     INTENSIVE ELEM GERM              8CR
  LEC 1Z     024963 MTUWTH 8.30-9.45    2-2 211
                    MTUWTH 11.00-12.15  2-2 211
  LAB 1Z     024979 MTUW 10.00-10.59    2-3 LAB
              INSTRUCTOR: TO BE ANNOUNCED
              NOTE:THIS COURSE MEETS JUNE 9
              LAB FEE:$8.00            - JULY 31

H-I-S-T-O-R-Y

HIST   C111     FOUNDATIONS WEST CIV             4CR
      1Z     025412 MTUWTH 8.30-9.45    2-1 212
              INSTRUCTOR:SEGAL
HIST  C160P     AFRICAN CIV I                    4CR
      1Z     025517 TUTH 18.00-20.30   PS05 507
              INSTRUCTOR:AMIJI
              NOTE: THIS COURSE IS OFFERED AT
              THE PARK SQUARE CAMPUS.

HIST   266      AMERICAN HISTORY II              4CR
      1Z     025573 MTUWTH 10.00-11.15  2-1 212
              INSTRUCTOR:BYERS
HIST   380      20TH C US:1937-PREST             3CR
      1Z     025678 MTUWTH 11.30-12.45  2-1 213
              INSTRUCTOR:BYERS
HIST   429      HITLER: MAN & TIMES              3CR
      1Z     025767 MTUWTH 10.00-11.15  2-1 428
              INSTRUCTOR:BOUKBINDER
HIST   479N     SEAFARING TRAD-NANTK             3CR
      1C     025812 MTUWTH 8.30-10.15   NAN TUCK
              INSTRUCTOR:STACKPOLE
              NOTE:THIS COURSE MEETS ON NANTUCKET
              JULY 1 - JULY 31
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DEPT COURSE SCHEDULE     TITLE            BLDG     CR
       SEC NUMBER     MEETING TIMES     FLR ROOM

I-T-A-L-I-A-N

ITAL   C101     ELEM ITALIAN I                   4CR
      1Z     026216 MTUWTH 18.00-20.30 PS05 521
              INSTRUCTOR: TO BE ANNOUNCED
              NOTE:MEETS JUNE 9 - JULY 7
              THIS COURSE IS OFFERED AT THE
              PARK SQUARE CAMPUS

ITAL   C102     ELEM ITALIAN II                  4CR
      1C     026294 MTUWTH 18.00-20.30 PS05 521
              INSTRUCTOR: TO BE ANNOUNCED
              NOTE:MEETS JULY 8 - JULY 31
              THIS COURSE IS OFFERED AT
              THE PARK SQUARE CAMPUS

ITAL   CXXX     INTENSIVE ELEM ITAL              8CR
      1Z     026361 MTUWTH 18.00-20.30 PS05 521
              INSTRUCTOR: TO BE ANNOUNCED
              NOTE:MEETS JUNE 9 - JULY 31
              THIS COURSE IS OFFERED AT
              THE PARK SQUARE CAMPUS

L-A-T-I-N

LATIN  C101     ELEMENTARY LATIN I               4CR
      1Z     026616 MTUWTH 8.30-10.29   2-2 213
              INSTRUCTOR: TO BE ANNOUNCED
              NOTE:MEETS JUNE 9 - JULY 7

LATIN  C102     ELEMENTARY LATIN II              4CR
      1C     026694 MTUWTH 8.30-10.29   2-2 213
              INSTRUCTOR: TO BE ANNOUNCED
              NOTE: MEETS JULY 8 - JULY 31

LATIN  CXXX     INTENSIVE ELEM LATIN             8CR
      1Z     026799 MTUWTH 8.30-10.29   2-2 213
              INSTRUCTOR: TO BE ANNOUNCED
              NOTE:MEETS JUNE 9 - JULY 31

L-A-W  &  J-U-S-T-I-C-E

LAWJUS 104      INTRO LAW & JUSTICE              4CR
      1Z     026911 MTUWTH 10.00-11.15  2-1 418
              INSTRUCTORS:HUFF & STAFF
LAWJUS 470A     JUVENILE JUSTICE                 3CR
      1Z     026999 MTUWTH 8.30-9.45    2-1 210
              INSTRUCTOR:STERN

M-A-T-H-E-M-A-T-I-C-S

MATH   C110     BASIC MATH&COLL ALG              4CR
      1Z     027315 MTUWTH 10.00-11.15  2-1 206
              INSTRUCTOR: TO BE ANNOUNCED
              PREREQ: DIAGNOSTIC EXAM

MATH   C110     BASIC MATH&COLL ALG              4CR
      1Z     027365 MTUTH 18.00-20.00  PS05 507
              INSTRUCTOR: TO BE ANNOUNCED
              PREREQ: DIAGNOSTIC EXAM
              NOTE: THIS COURSE IS OFFERED AT
              THE PARK SQUARE CAMPUS.

MATH   C124     APPLIED ALGEBRA                  4CR
      1Z     027432 MTUWTH 8.30-9.45    2-1 428
              INSTRUCTOR: TO BE ANNOUNCED
MATH   C130     COLL ALGEBRA & TRIG              4CR
      1Z     027498 MTUWTH 10.00-11.15  2-1 208
              INSTRUCTOR: TO BE ANNOUNCED
              PREREQ: DIAGNOSTIC EXAM
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DEPT COURSE SCHEDULE     TITLE            BLDG     CR
       SEC NUMBER     MEETING TIMES     FLR ROOM

MATH   C130     COLL ALGEBRA & TRIG              4CR
     1Z     027559 MTUTH 18.00-20.00  PS05 509
             INSTRUCTOR: TO BE ANNOUNCED
             PREREQ: DIAGNOSTIC EXAM
             NOTE: THIS COURSE IS OFFERED AT
             THE PARK SQUARE CAMPUS.

MATH   C137     INTRO TO COMPUTING               4CR
     1Z     027648 MTUWTH 8.30-9.45    2-1 206
             INSTRUCTOR: TO BE ANNOUNCED
             PREREQ: DIAGNOSTIC EXAM

MATH   C140     CALCULUS I                       4CR
     1Z     027743 MTUWTH 10.00-11.15  2-1 617
             INSTRUCTOR: TO BE ANNOUNCED
             PREREQ: DIAGNOSTIC EXAM

MATH   C140     CALCULUS I                       4CR
     1Z     027810 MTUTH 18.00-20.00  PS05 510
             INSTRUCTOR: TO BE ANNOUNCED
             PREREQ: DIAGNOSTIC EXAM
             NOTE: THIS COURSE IS OFFERED AT
             THE PARK SQUARE CAMPUS.

MATH   C141     CALCULUS II                      4CR
     1Z     027882 MTUWTH 10.00-11.15  2-2 205
             INSTRUCTOR: TO BE ANNOUNCED
MATH   150      VECTOR GEOM&MATRICES             4CR
     1Z     027965 MTUWTH 8.30-9.45    2-1 208
             INSTRUCTOR: TO BE ANNOUNCED


M-A-N-A-G-E-M-E-N-T

MGT    100A     INTRO TO MANAGEMENT              3CR
     1Z     028414 TUTH 8.30-10.45     2-2 428
             INSTRUCTOR: TO BE ANNOUNCED
             NOTE: MEETS JUNE 9 - JULY 31

MGT    111      COMMUNIC'INS SEMINAR             3CR
     1Z     028492 MWF 9.00-10.30      2-2 624
             INSTRUCTOR: TO BE ANNOUNCED
             NOTE: MEETS JUNE 9 - JULY 31

MGT    210X     INTRO COMPUTER MGT               3CR
     1A     028642 MW 18.00-21.00      2-2 624
             INSTRUCTOR: TO BE ANNOUNCED
             NOTE: MEETS JUNE 2 - JULY 10

MGT    220      MNGRL STATISTICS                 3CR
     1A     028725 MW 11.30-2.30       2-2 616
             INSTRUCTOR: TO BE ANNOUNCED
             NOTE: MEETS JUNE 2 - JULY 10

MGT    220X     MNGRL STATISTICS                 3CR
     1A     028769 MW 18.00-21.00      2-2 616
             INSTRUCTOR: TO BE ANNOUNCED
             NOTE: MEETS JUNE 2 - JULY 10

MGT    320      QUANT ANALYSIS                   3CR
     1B     028842 MW 8.00-11.15       2-2 419
             INSTRUCTOR: TO BE ANNOUNCED
             NOTE: MEETS JULY 14 - AUGUST 21

MGT    320X     QUANT ANALYSIS                   3CR
     1B     028903 MW 18.00-21.15      2-2 616
             INSTRUCTOR: TO BE ANNOUNCED
             NOTE: MEETS JULY 14 - AUGUST 21

MGT    321      OPERATIONS MGT                   3CR
     1A     028997 MW 11.30-2.30       2-2 419
             INSTRUCTOR: TO BE ANNOUNCED
             NOTE: MEETS JUNE 2 - JULY 10
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DEPT COURSE SCHEDULE     TITLE            BLDG     CR
       SEC NUMBER     MEETING TIMES     FLR ROOM

MGT    321X     OPERATIONS MGT                   3CR
     1A     029068 MW 18.00-21.00      2-2 621
             INSTRUCTOR: TO BE ANNOUNCED
             NOTE: MEETS JUNE 2 - JULY 10

MGT    331      MARKETING MGT                    3CR
     1B     029157 MTUWTH 8.30-10.10   2-2 420
             INSTRUCTOR: TO BE ANNOUNCED
             NOTE: MEETS JULY 14 - AUGUST 21

MGT    331X     MARKETING MGT                    3CR
     1A     029218 MW 5.30-20.30       2-2 421
             INSTRUCTOR: TO BE ANNOUNCED
             NOTE: MEETS JUNE 2 - JULY 10

MGT    340      FINANCIAL ACCOUNTING             4CR
     1Z     029296 TUTH 8.30-11.30     2-2 419
             INSTRUCTOR: TO BE ANNOUNCED
             NOTE: MEETS JUNE 9 - JULY 31

MGT    341      FINANCIAL MGT                    4CR
     1Z     029363 TUWTH 8.30-10.30    2-2 417
             INSTRUCTOR: TO BE ANNOUNCED
             NOTE: MEETS JUNE 9 - JULY 31

MGT    350      MGT HUMAN RES I                  3CR
     1Z     029430 TUTH 8.30-10.45     2-2 624
             INSTRUCTOR: TO BE ANNOUNCED
             NOTE: MEETS JUNE 9 - JULY 31

MGT    350X     MGT HUMAN RES I                  3CR
     1A     029496 TUTH 18.00-21.15    2-2 616
             INSTRUCTOR: TO BE ANNOUNCED
             NOTE: MEETS JUNE 2 - JULY 10

MGT    351      MGT HUMAN RES II                 3CR
     1Z     029579 TUTH 8.30-10.45     2-2 625
             INSTRUCTOR: TO BE ANNOUNCED
             NOTE: MEETS JUNE 9 - JULY 31

MGT    351X     MGT HUMAN RES II                 3CR
     1B     029630 TUTH 18.00-21.15    2-2 616
             INSTRUCTOR: TO BE ANNOUNCED
             NOTE: MEETS JULY 14 - AUGUST 21

MGT    430      SALES MANAGEMENT                 3CR
     1B     029757 MW 8.30-10.45       2-2 428
             INSTRUCTOR: TO BE ANNOUNCED
             NOTE: MEETS JULY 14 - AUGUST 21

MGT    431      CONSUMER BEHAVIOR                3CR
     1A     029913 MW 8.30-10.45       2-2 428
             INSTRUCTOR: TO BE ANNOUNCED
             NOTE: MEETS JUNE 2 - JULY 10

MGT    442      MANAGER'L ACCOUNTING             3CR
     1Z     029991 TUTH 11.30-1.45     2-2 624
             INSTRUCTOR: TO BE ANNOUNCED
             NOTE: MEETS JUNE 9 - JULY 31

MGT    478M     LAW OF COMMER TRANS              3CR
     1Z     030065 TUTH 11.30-1.45     2-2 621
             INSTRUCTOR: TO BE ANNOUNCED
             NOTE: MEETS JUNE 9 - JULY 31

MGT    480      MGT INTERNSHIP                   4-8
     1Z     030126 BY ARRGT
             INSTRUCTOR: TO BE ANNOUNCED
             NOTE: MEETS JUNE 9 - JULY 31
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DEPT COURSE SCHEDULE     TITLE                BLDG    CR
       SEC NUMBER     MEETING TIMES          FLR ROOM

M-U-S-I-C

MUSIC  111N     INTRO TO MUSIC                        4CR
     1C     030293 MTUWTHF 8.30-10.15   NAN TCKT
            INSTRUCTOR:ZEBROWSKI
            NOTE: MEETS ON NANTUCKET
            AUGUST 4 - AUGUST 29
MUSIC  112      INTRO TO MUSIC II                     4CR
     1Z     030354 MTUWTH 10.00-11.29   2-2 404
            INSTRUCTOR: ZEBROWSKI
            MEETS: JUNE 9 - JULY 17

P-H-I-L-U-S-O-P-H-Y

PHIL   C108     MORAL & SOCIAL PROB                   4CR
     1Z     030710 MTUWTH 11.30-12.45   2-1 417
            INSTRUCTOR:HOFF
PHIL   100      INTRO TO PHILOSOPHY                   4CR
     1Z     030798 MTUWTH 11.30-12.45   2-1 418
            INSTRUCTOR:SHOPE
PHIL   120      INTRO TO LOGIC                        4CR
     1Z     030859 MTUWTH 10.00-11.15   2-2 616
            INSTRUCTOR:LANDE
PHIL   130      PHIL OF EDUCATION                     3CR
     1Z     030954 MTUWTH 8.30-9.45     2-1 418
            INSTRUCTOR:SMYTHE

P-H-Y-S-I-C-S

PHYSIC C107     COLLEGE PHYSICS I                     4CR
     1A     031219 MTUWTH 8.30-10.30    2-1 409
            INSTRUCTOR: TO BE ANNOUNCED
            NOTE: MEETS JUNE 2 - JULY 10

PHYSIC C108     COLLEGE PHYSICS II                    4CR
     1B     031297 MTUWTH 8.30-10.30    2-1 409
            INSTRUCTOR: TO BE ANNOUNCED
            NOTE: MEETS JULY 14 - AUGUST 21

PHYSIC C113     FUND OF PHYSICS I                     4CR
  LEC 1A    031364 MW 8.30-10.30        8-2 065
  DIS 1A    031370 TH 8.30-10.30        8-2 065
            INSTRUCTOR: TO BE ANNOUNCED
            NOTE: MEETS JUNE 2 - AUGUST 7

PHYSIC 171      INTRO PHYSICS LAB 1                   1CR
     1A     031514 TU 11.00-1.30
     2A     031520 W 11.00-1.30
     3A     031536 TH 11.00-1.30
            INSTRUCTOR: TO BE ANNOUNCED
            NOTE:  MEETS JUNE 2 - JULY 10
PHYSIC 172      INTRO PHYSICS LAB II                  1CR
     1B     031619 TU 11.00-1.30
     2B     031625 W 11.00-1.30
            INSTRUCTOR: TO BE ANNOUNCED
            NOTE: MEETS JULY 14 - AUGUST 21

P-O-L-I-T-I-C-A-L  S-C-I-E-N-C-E

POLSCI C123     20TH CENT POLT IDEAS                  4CR
     1Z     031819 MTUWTH 10.00-11.15   2-3 617
            INSTRUCTOR:LIEBERMAN
POLSCI 122      GOV'T & POLTS OF US                   4CR
     1Z     031897 MTUWTH 11.30-12.45   2-1 428
            INSTRUCTOR:WARD
POLSCI 311      POLITICAL PARTIES                     3CR
     1Z     031970 MTUWTH 10.00-11.15   8-3 157
            INSTRUCTOR:WARD
POLSCI 459      KARL MARX                             3CR
     1Z     032079 MTUWTH 8.30-9.45     2-1 213
            INSTRUCTOR:SIMONDS
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DEPT COURSE SCHEDULE     TITLE                BLDG    CR
       SEC NUMBER     MEETING TIMES          FLR ROOM

P-S-Y-C-H-O-L-O-G-Y

PSYCH  C102     METHODS OF KNOWING                    4CR
     1Z     032213 MTUWTH 10.00-11.15   8-2 066
            INSTRUCTOR:SCHWARTZ
PSYCH  101      INTRODUCTORY PSYCH                    4CR
     1Z     032291 MTUWTH 8.30-9.45     2-1 209
            INSTRUCTOR: TO BE ANNOUNCED
PSYCH  230      SOCIAL PSYCHOLOGY                     3CR
     1Z     032368 MTUWTH 10.00-11.15   2-1 209
            INSTRUCTOR: TO BE ANNOUNCED
PSYCH  241P     INFANCY & CHILD DEV                   3CR
     1Z     032413 MW 18.00-20.30       PS05 505
            INSTRUCTOR: TO BE ANNOUNCED
            NOTE: THIS COURSE IS OFFERED AT
            THE PARK SQUARE CAMPUS.

PSYCH  245      EDUCATIONAL PSYCH                     3CR
     1Z     032491 MTUWTH 8.30-9.45     2-2 208
            INSTRUCTOR: TO BE ANNOUNCED

S-T-U-D-Y  O-F  R-E-L-I-G-I-O-N

RELSTY C104     SOCRATE,JESUS,BUDDAH                  4CR
     1Z     032718 MW 18.00-20.30       PS05 522
            INSTRUCTOR:LAFARGUE
            NOTE: THIS COURSE IS OFFERED AT
            THE PARK SQUARE CAMPUS.

RELSTY 245      HIST OF CHRISTIANITY                  3CR
     1Z     032780 MTUWTH 11.30-12.45   2-2 213
            INSTRUCTOR:ZALESKI

S-O-C-I-O-L-O-G-Y

SOCIOL C101     INTRO TO SOCIOLOGY                    4CR
     1Z     033112 MTUWTH 8.30-9.45     2-2 205
            INSTRUCTOR:JACOBS
SOCIOL 211P     URBAN COMMUNITY                       3CR
     1Z     033190 TUTH 18.00-20.30     PS05 523
            INSTRUCTOR:BRILL
            NOTE: THIS COURSE IS OFFERED AT
            THE PARK SQUARE CAMPUS.

SOCIOL 342      AGING AND SOCIETY                     3CR
     1Z     033267 MTUWTH 8.30-9.45     2-2 206
            INSTRUCTOR:KAMARA
SOCIOL 351      METHODS OF SOC RESCH                  3CR
     1Z     033340 MTUWTH 8.30-9.45     2-2 207
            INSTRUCTOR:MOVAHEDI
SOCIOL 361      CRIMINOLOGY                           3CR
     1Z     033401 MTUWTH 10.00-11.15   2-2 208
            INSTRUCTOR:MOVAHEDI
SOCIOL 362      SEX ROLES                             3CR
     1Z     033495 MTUWTH 10.00-11.15   2-2 214
            INSTRUCTOR:PRESTON

S-P-A-N-I-S-H

SPAN   C101     ELEMENTARY SPANISH I                  4CR
  LEC 1A    033617 MTUWTH 8.30-10.10    8-2 063
  LAB 1A    033623 MW 10.30-11.15       2-3 LAB8
            INSTRUCTOR:OSORIO
            NOTE: MEETS: JUNE 2 - JULY 10
            LAB FEE: $4.00

SPAN   C102     ELEM SPANISH II                       4CR
  LEC 1B    033689 MTUWTH 8.30-10.10    8-2 063
  LAB 1B    033695 MW 10.30-11.15       2-3 LAB8
            INSTRUCTOR: TO BE ANNOUNCED
            NOTE: MEETS JULY 14 - AUGUST 21
            LAB FEE: $4.00
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DEPT COURSE SCHEDULE     TITLE            BLDG     CR
       SEC NUMBER     MEETING TIMES     FLR ROOM

SPAN    C103     INTENSIVE ELEM SPAN              8CR
      1Z     033762 MTUWTH 11.30-2.15    8-2 063
              INSTRUCTORS: ESTOW & RYAN
SPAN    C105     BASIC SPAN-COMMN'CTN             8CR
      1Z     033817 MTUWTH 18.00-20.30 PS05 524
              INSTRUCTOR: TO BE ANNOUNCED
              NOTE: THIS COURSE IS OFFERED AT
              THE PARK SQUARE CAMPUS

SPAN    C205     INTENS INTRMD SPAN               8CR
      1Z     033873 MTUWTH 8.30-11.00    8-2 064
              INSTRUCTORS: ESTOW & RYAN

SPAN    271      TCHQS OF TRANSLATION             6CR
      1A     033934 MTUWTH 8.30-12.00    8-2 062
              INSTRUCTOR: TORREGO
              MEETS: JUNE 2 - JULY 10
              FOR PREREQUISITES,SEE DESCRIPTION
              UNDER TRANSLATION PROGRAM
SPAN    273      ADVANCED TRANSLATION             6CR
      1B     033990 MTUWTH 8.30-12.00    8-2 062
              INSTRUCTOR: ARENAL
              MEETS: JULY 14 - AUGUST 21
              FOR PREREQUISITES,SEE DESCRIPTION
              UNDER TRANSLATION PROGRAM

T-E-A-C-H-E-R  C-E-R-T-I-F-I-C-A-T-I-O-N

TCHCER 589      ISSUES ELEM SCH CUR              4CR
      1Z     034011 MTUWTH 10.00-11.15   2-1 421
              INSTRUCTOR:GALLO

T-H-E-A-T-R-E  A-R-T-S

THRART 126P     SPEECH & ORAL INTERP             3CR
      1Z     034316 MW 18.00-20.30       PS05 519
              INSTRUCTOR:DRMOLA
              NOTE: THIS COURSE IS OFFERED AT
              THE PARK SQUARE CAMPUS

THRART 481A     CONTEMP DANCE TCNQUE             3CR
      1Z     034394 TUTH 11.30-2.00      2-2 008
              INSTRUCTOR:TOLBERT
THRART 481B     FILM AND ACTING                  3CR
      1Z     034477 MW 11.30-2.00        2-2 008
              INSTRUCTOR:DRMOLA
THRART 482N     SCENE STUDY                      3CR
      1C     034566 MTUWTH 10.30-12.30  NAN TUCK
              INSTRUCTOR:L.ROBERTS
              NOTE: THIS COURSE MEETS ON NANTUCKET
              JULY 1 - JULY 31

W-O-M-E-N-'-S  S-T-U-D-I-E-S

WOST    100      WOMEN & SOCIETY                  4CR
      1Z     034916 MTUWTH 10.00-11.15  2-2 621
              INSTRUCTOR: TO BE ANNOUNCED
```

List of Boston EVENING COURSES

COLLEGE OF ARTS AND SCIENCES

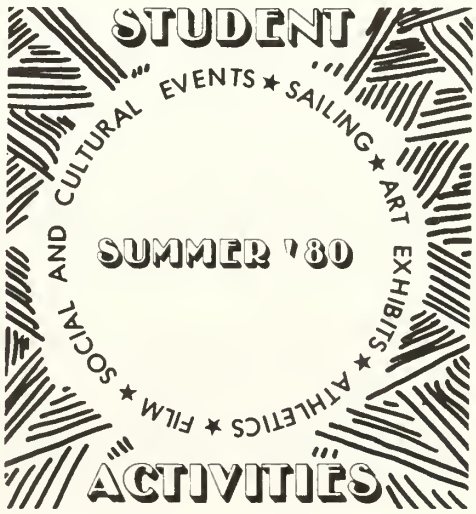
THESE COURSES WILL BE HELD AT THE PARK SQUARE CAMPUS, 100 ARLINGTON STREET, BOSTON.

ECON 330	POL. ECONOMY OF MONEY
ENGL 102	FRESHMAN ENGLISH II
ENGL 302	CREATIVE WRITING I
FRENCH 490	CIV. ET LIT. QUEBEC
HIST C160	AFRICAN CIV. I
ITAL C101	ELEM. ITALIAN I
ITAL C102	ELEM. ITALIAN II
ITAL CXXX	INTENSIVE ELEM. ITALIAN
MATH C110	BASIC MATH & COL. AGGEBRA
MATH C130	COLLEGE ALGEBRA & TRIG.
MATH C140	CALCULUS I
PSYCH 241	INFANCY & CHILD DEV.
RELSTY 104	SOCRATES JESUS BUDDHA
SOCIOL 211	URBAN COMMUNITY
SPAN C105	BASIC SPANISH FOR COMMUNICATION
THRART 126	SPEECH & ORAL INTERPRETATION

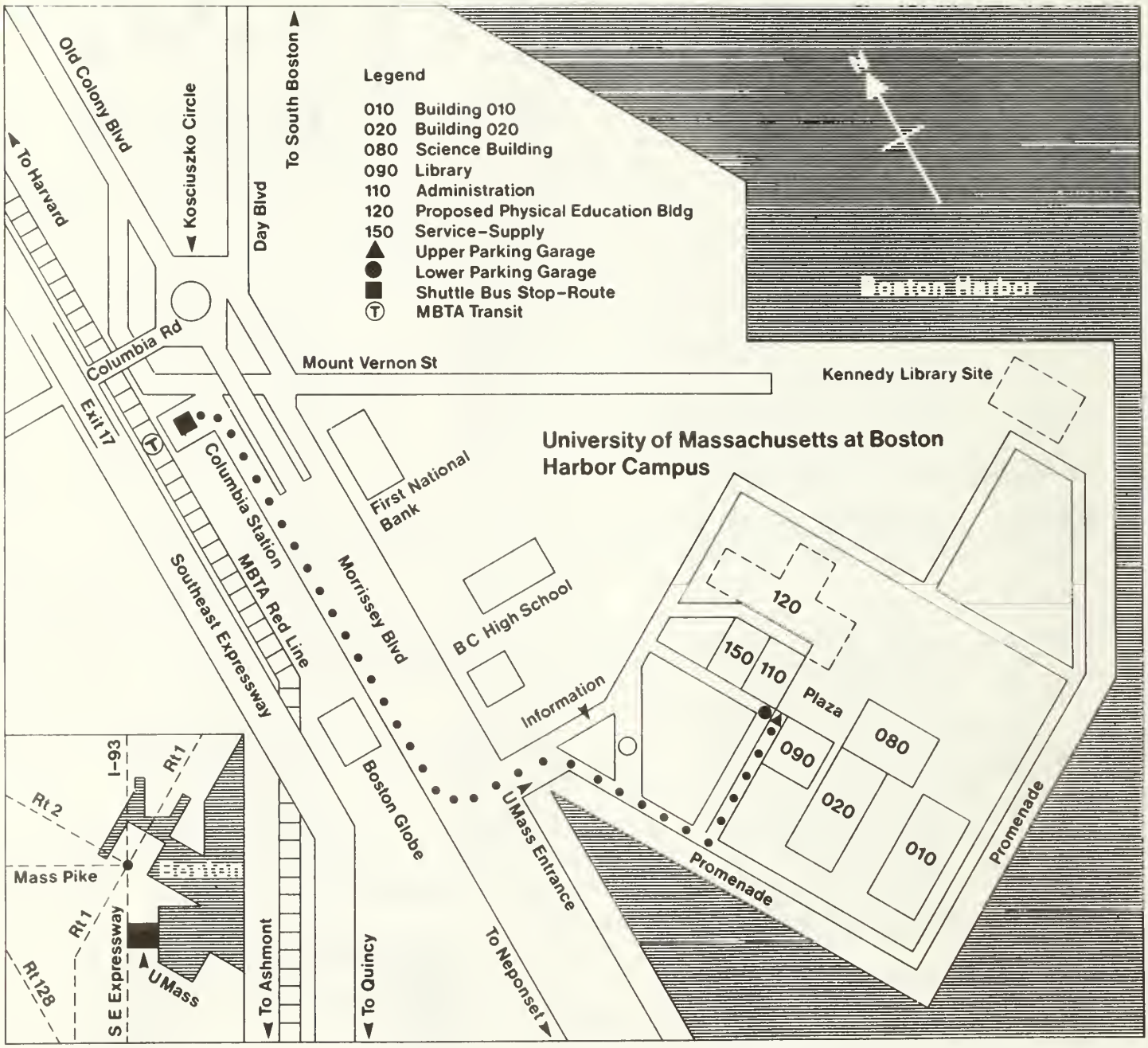
COLLEGE OF PROFESSIONAL STUDIES

THESE COURSES WILL BE HELD AT THE HARBOR CAMPUS

MGT 210X	INTRO. COMPUTER MGT.
MGT 220X	MANAGERIAL STATISTICS
MGT 320X	QUANTITATIVE ANALYSIS
MGT 321X	OPERATIONS MGT.
MGT 331X	MARKETING MGT.
MGT 350X	MGT. OF HUMAN RESOURCES I
MGT 351X	MGT. OF HUMAN RESOURCES II



BOSTON Campus Map



HARBOR CAMPUS - College of Arts and Sciences - College of Professional Studies
UMass-Boston Harbor Campus is only 3 miles from downtown Boston and easily accessible by public or private transportation.

From North or West
Take Southeast Expressway and leave at Exit 17. Turn left onto Columbia Road, enter rotary and take first right down ramp to Morrissey Boulevard. Bear right of island following UMass-Boston sign, turn left into campus at first traffic lights.

From South
Take Southeast Expressway and leave at Exit 18 near Bostongas tanks (Morrissey Boulevard/UMass).

Public Transportation
Take MBTA Ashmont Red Line to Columbia Station, transfer to free University shuttlebus at T parking lot.

Parking
Indoor space is available for 1700 cars.

DOWNTOWN CAMPUS - College of Public and Community Service
Campus is located at 100 Arlington Street in Park Square, one block from MBTA Green Line Arlington Station. Free shuttlebus also runs between Harbor and Downtown campuses.

IMPORTANT — This application can only be used when registering by mail

University of Massachusetts at Boston
Undergraduate Summer Registration Form 1980

BOSTON

Please Print

Name _____ Birthdate _____ Sex ____ Student Number _____
Last First Middle Name UMass Students Only

Address _____ City/State/ZIP _____ Phone _____ Social Security # _____

Marital Status: ☐Married ☐Single ☐Widowed ☐Divorced

Veteran Status: ☐Veteran ☐Non-Veteran

Residency: ☐Instate ☐Out of State ☐Foreign

Please complete one of the following:

Current/former UMass Student at: ☐Boston ☐Amherst

Accepted as UMass Student at: ☐Boston ☐Amherst Class of 19____

Student at another college: _____ ☐Other _____
name of college or university

COURSE SELECTIONS

Schedule Number	Department	Number	Section	Title	Credits	Course Fee	Total
					X	$30 per credit	
					X	$30 per credit	
					X	$30 per credit	

All fees are subject to approval by the Board of Trustees.

Full payment must accompany mail registration. Make checks payable to: *University of Massachusetts.* Send payment and registration form to: *Summer Session, Registrar's Office, UMass/Boston, Dorchester, MA 02125*
No Credit Cards Accepted
Space below for office use only

Validation

Total Course Fees _____

Mandatory Athletic Fee $2.50

Mandatory Activities Fee $7.00

Mandatory Health Fee $10.00

Total Amount Due and Enclosed _____

AMHERST

1980 SUMMER HOUSING APPLICATION

Name _____ **Date** _____

Address _____ **City/State/Zip** _____

Telephone _____ **Date of Arrival:** _____ **Date of Departure** _____

Housing is provided on a double-occupancy basis. Summer Housing will assign roommates to those with no stated preference. *Roommate Preference:* _____

HOUSING FEE: $147/session per person
"x" courses - $24.50/week per person (Full weeks only - no partial week rates)

Enclosed is my check for $_____ in *full payment* for Summer Housing 1980

Check should be made payable to: University Conference Services. No one will be admitted to the Dormitory until the housing fee is paid in *full in advance*. Send application and full payment to: *Summer Housing Office, 918 Campus Center, University of Massachusetts, Amherst, MA. 01003*

First Session:	Dormitory Check-in:	June 1, 1980	9:00a.m. - 5:00p.m.
	Check-out:	July 12, 1980	By Noon
Second Session:	Dormitory Check-in:	July 13, 1980	9:00a.m. - 5:00p.m.
	Check-out:	August 23, 1980	By Noon

IMPORTANT — This application can only be used when registering by mail.

AMHERST SUMMER SESSION 1980 REGISTRATION

Name CZ-A05 — LAST NAME — FIRST NAME — INITIAL

Home Address BA1 — NUMBER & STREET

CITY — STATE — ZIP CODE

Home Tel. — Area Code — If No Phone, Write "None" — Country of Citizenship (other than U.S.)

Local Address (if different from home) BA2 — NUMBER & STREET

CITY — STATE — ZIP CODE — A

PLEASE CODE APPROPRIATE BOXES

A A 1 — 'G'-Graduate 'U'-Undergrad — 'N'-Non-Vet 'V'-Vet

'M'-Male 'F'-Female — 'M'-Mass. Res. 'O'-Other State 'F'-Foreign

'S'-Single 'M'-Married 'D'-Divorced 'W'-Widowed — 'CT'-Citizen 'UN'-Not Citizen

Birthdate — month — day — year

Social Security Number

REGULAR UNIVERSITY STUDENTS

Student Number

CAMPUS: 'U'-UGrad-Amherst 'G'-Grad-Amherst 'E'-ContEd-Amherst 'B'-Boston Campus 'Z'-UGrad Visiting Student 'N'-Grad Visiting Student — CLASS

BLOCK 1-UNDERGRADUATE FROM BOSTON CAMPUS

This certifies that the student has been enrolled at the Boston Campus and has our approval to take courses listed.

Record Clear: [ ] Yes [ ] No

(If No, state nature of encumbrance)

Advisor's Signature

Registrar's Signature

CHECK AND COMPLETE ONE OF THE FOLLOWING APPROPRIATE ITEMS:

1. Currently enrolled University of Massachusetts student: Campus: [ ] Amherst [ ] Boston (complete Block 1)
2. *Formerly enrolled University of Massachusetts student: Campus: [ ] Amherst [ ] Boston (complete Block 1) Date of last attendance: _____

*Note: Students twice terminated from the University for academic deficiency are not eligible to attend Summer Session without approval from the Board of Admissions and Records.

3. Accepted as a new University of Massachusetts student: [ ] Undergrad [ ] Grad
4. [ ] A summer visiting student only.

SAMPLE 068400 (Schedule No.) CHEM (Department) 111A (Course No.) 1F (Section/Session) Gen Chem – Sci (Course Title) 4 (Credits) x $ 30.00 (per credit) = $ 120.00 (Course Fee)

Lab Section (if applicable) 068450 (Schedule No.) 1F (Section/Session) [ ] Graduate [x] Undergrad

Schedule No. — Department — Course No. — Section/Session — Course Title — Credits x $ _____ per credit = $ _____ Course Fee

Lab Section (if applicable) Schedule No. — Section/Session — Graduate — Undergrad

Schedule No. — Department — Course No. — Section/Session — Course Title — Credits x $ _____ per credit = $ _____ Course Fee

Lab Section (if applicable) Schedule No. — Section/Session — Graduate — Undergrad

Schedule No. — Department — Course No. — Section/Session — Course Title — Credits x $ _____ per credit = $ _____ Course Fee

Lab Section (if applicable) Schedule No. — Section/Session — Graduate — Undergrad

Schedule No. — Department — Course No. — Section/Session — Course Title — Credits x $ _____ per credit = $ _____ Course Fee

Lab Section (if applicable) Schedule No. — Section/Session — Graduate — Undergrad

DO NOT INCLUDE LAB FEES

TOTAL COURSE FEES $ _____

CREDIT CARD PAYMENT

Please bill my: [ ] [ ] [ ]

Expiration Date — Mastercharge Bank No.

Credit Card Number

Signature

FULL PAYMENT MUST ACCOMPANY MAIL REGISTRATION

Make checks payable to: University of Massachusetts

Send to: Summer Session Office, Whitmore Administration Building, University of Massachusetts, Amherst, MA 01003

SUMMER SERVICES FEE $ _____ (Required of all students)

F Session - $49.50

S Session - $49.50

X Session - $8.25/week

Independent Study - $8.25 /credit

(See EXPENSES on page 14)

TOTAL AMOUNT DUE AND ENCLOSED $ _____

M N B J C

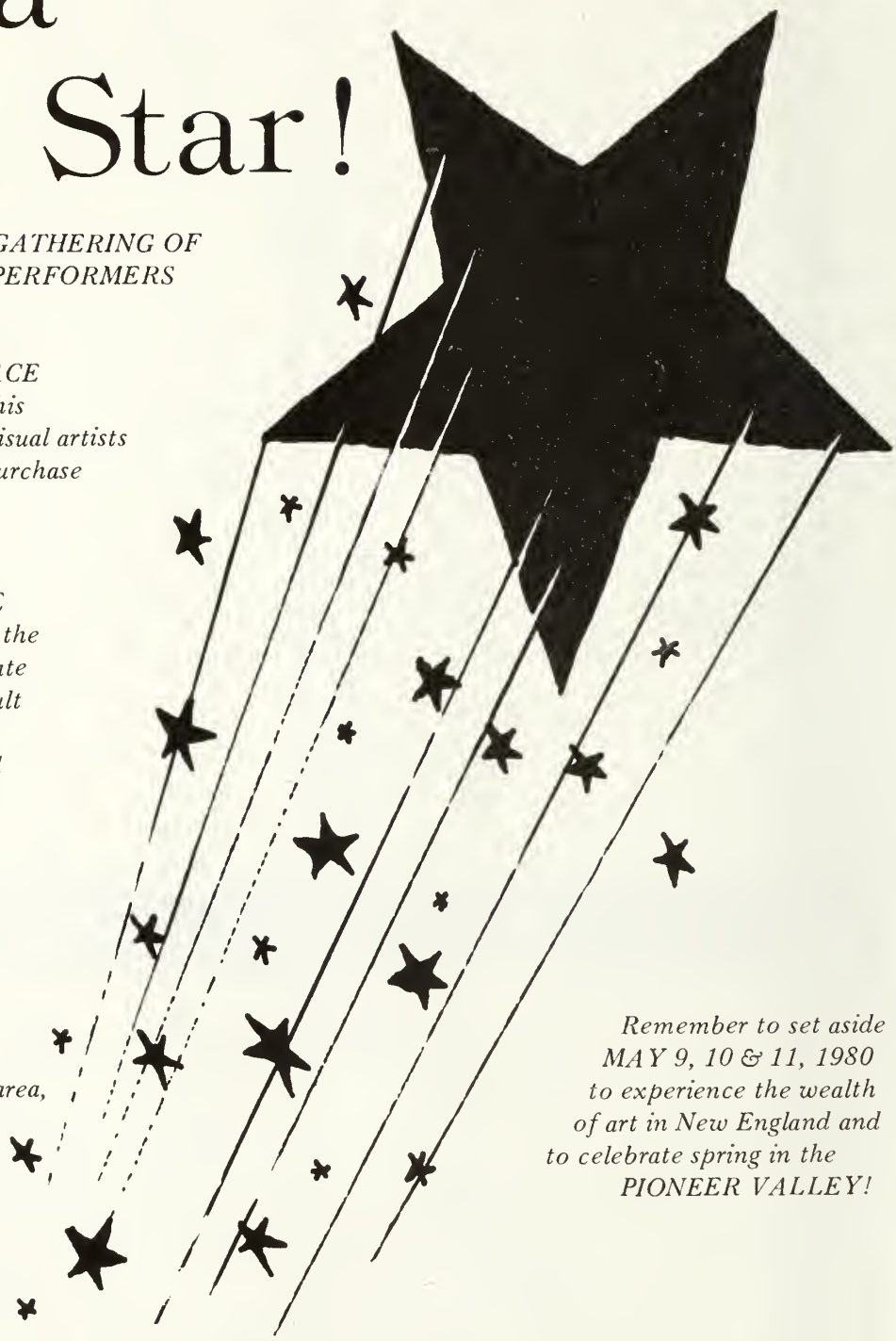
Catch a Rising Star!

NEW ENGLAND'S LARGEST GATHERING OF ARTISTS, CRAFTSPEOPLE & PERFORMERS

FEATURING:
A CRAFT & ART MARKETPLACE
A juried exhibit of over 200 of this region's finest craftspeople and visual artists offers a unique opportunity to purchase quality crafts and fine art. Browse, learn, collect.

A PERFORMANCE SHOWCASE
Some of the finest performers in the New England area will demonstrate their talents in children's and adult theater, jazz, folk, bluegrass and classical music, dance, mime, and puppetry.

AND MUCH MORE
The festival also includes the New England Film Festival (an 8 & 16 mm film competition), a festival of poetry and fiction readings, two visual arts and crafts galleries , a children's area, ethnic events and foods, special happenings, workshops and demonstrations



Remember to set aside MAY 9, 10 & 11, 1980 to experience the wealth of art in New England and to celebrate spring in the PIONEER VALLEY!

New England Artist Festival and Showcase

AMHERST

Calligraphy • Book Illustration for Beginners • Fashion Illustration for Advertising • Four Harness Weaving
The Handwritten Book • Interior Design • Quiltmaking • What Hath Man Wrought? Antiques • Pottery
Accounting • Creative Problem Solving • Investment Planning • Law for Non-Lawyers • GRE Preparation
LSAT Preparation • Pascal: A Computer Language • Chinese • French • German • Spanish • Swedish
Creating Instructional Materials for the Elementary Grades Beekeeping
Aerobic Dance • Contradancing: Beginning • Jitterbug • Jazz Tap • Ballet
Dalcroze Eurythmics • Dance Exercise • Bicycling • Breathe Easy Iyengar Yoga
Fencing • Korean Karate: The Art of Tae Kwon Do • Tennis Bird Study
Acting • Introduction to Central Heating with Wood & Coal Hatha Yoga
Passive Solar Energy • Chain Saw Use, Maintenance & Safety Photography
Cosmology • Ancient, Medieval & Eschatological Short Fiction Folk Guitar
Forestry Principles for Wood Lot Owners • Expressive Writing Color Slides

Credit-Free Workshops summer 1980

University of Massachusetts
at Amherst
Division of
Continuing Education

Clear Writing for Academic & Technical Fields • Fiddle
Oral History & Folklore • Folk Music of the Sixties
Peer Counseling • Sign Language & Finger Spelling

Credit Free Workshops
Division of Continuing Education
Hasbrouck lab
University of Massachusetts
Amherst, MA 01003

Non-Profit Organization
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Amherst, MA 01002
Permit No. 2

Trees: Everything You Need to Know About Local Trees • Relaxation Workshop • Music of the Church
Acting: Exploration & Discovery • Bicycling: Advanced • Darkroom Photographer • Photography: Basic
Color Slide Photography • Fiddle: Beginning & Advanced Beginning • Accounting: Basic • Arithmetic
Algebra • Learning Fortran Using Computer Graphics • Special Education: Paraprofessional Training
Typing: Beginning • Ballroom Dancing: Intermediate • Disco Dance • Modern Dance: Beginning
Jazz Dancing: Beginning & Intermediate • Landscape Drawing & Painting • Off-loom Fiber Techniques
Commercial Art • Pastel Workshop • Preparing Canvas for Painting • Printmaking I & II • Studio Painting
Topics in Western Art • What Hath Man Wrought? Antiques • Investment Planning • Ballroom Dancing
GRE Preparation • Dance Exercise • Creative Problem Solving • How to Collect It and Why • Fencing

For a FREE CATALOG

with complete information & registration form please write:

Credit-Free Workshops

Division of Continuing Education/Hasbrouck
University of Massachusetts/Amherst, MA 01003
or call 549-4970

Workshops begin June 2, 1980.

Summer School
University of Massachusetts
Harbor Campus
Boston, MA 02125

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